

Position Code	Role	Skillsets	Years of Experience
TPM01	Senior Back End Application Developer	Enterprise Architecture, Java EE, Java Spring Framework, Design Pattern, SOA, JPA, OSGI, Linux, Maven, Tomcat, JBoss, Spring Security, Web Socket/Server, Java Messaging, Shell Scripting, SOAP/Restful	> 8 years
TPM02	Front End Application Developers	AngularJS, Javascript, Prototype-based OO concept, RESTful Design Pattern, GWT, HTML5, Database. Additional skillsets; Bower (Javascript packaging), Grunt (Javascript Task Runner), Bootstrap is an advantage.	3 – 5 years
TPM03	Back End Application Developers	Java EE, Java Spring Framework, Design Pattern, SOA, JPA, OSGI, Linux, Maven, Tomcat, Javascript, Design Pattern, Java Messaging, Shell Scripting, SOAP/Restful	3-5 Years
TPM04	Web Designers and Developers	HTML5, JQuery, JavaScript, PHP, KendoUI, CSS3, Database.	3–5 Years
TPM05	Back End Application Developer	Java EE, Java Spring Framework, Design Pattern, SOA, JPA, Linux, Maven, Tomcat, Spring Security, WebSocket/Server Sent Event, Java Messaging, Shell Scripting, Jboss. Additional skillsets; Ontology and Matching Algorithms is an advantage.	3 – 5 years
TPM06	Database Developer	Database design and modeling, Spring Data, Hibernate, JPA, PostgreSQL, MySQL.	> 8 Years
TPM07	Data Integration and Migration Engineer	Strong HTML/Java/Java Script/ C / C++ programming skills.  Database requirement, analysis and design. - Strong in SQL (Stored Procedure and Stored function for RDBMS (MySQL, PostgreSQL, MSSQL, Oracle) - Must have worked one or more recognized ETL and Data Profiling Tools - Design and Implement ETL Jobs from multiple sources to a target - ETL tools (e.g. Pentaho DI, Talend DI, SSIS, Informatica or others ETL tool, file format such as CSV, TSV, PRN, Excel and Access) - Data profiling (analyses structure and content) - Data cleansing (rules and transformation) - Develop JDBC application - Database administration (Backup, Restore, Setup Database)	3 – 5 years
ATL01	<b>Position:</b> Developer. <b>Position Summary:</b> Business and Data Analysis and SOP document writer.	System requirement and analysis (include hardware/system sizing).  Technical writing (specification/datasheet).  Strong analytical and product management skills required, including a thorough understanding of how to interpret customer business needs and translate them into application and operational requirements.  Must be able to elicit requirements using various techniques such as, interviews, document analysis, site visits, use cases, perform research etc.	> 8 Years

		<p>Critically evaluate information gathered from multiple sources, reconcile conflicts, decompose high-level information into details</p> <p>Able to identifies strengths and weaknesses and suggests areas of improvement.</p> <p>Proactively communicate and collaborate with external and internal customers to analyze information needs and functional requirements and deliver the following artifacts as needed: (Functional and Non Functional Requirements, Use Cases)</p>	
ATL02	<b>Position:</b> Developer. <b>Position Summary:</b> GPU Algorithm for intelligent and generic search.	<p>Experience in design &amp; development on parallel/thread programming languages</p> <p>Experience in database design with good knowledge of SQL</p> <p>Experience in software development using C &amp; C++ under UNIX, Linux or Windows®.</p> <p>Strong technical knowledge and working in algorithm design and performance optimization.</p> <p>Technical knowledge and working knowledge in one or more of the following areas will be added advantages:</p> <ul style="list-style-type: none"> <li>• GPGPU/CUDA parallel CUDA programming</li> <li>• Data Communication / Networking protocols / Application Protocols.</li> </ul> <p>Data Analytics Algorithms &amp; Parallelization Techniques</p>	> 5 years
ATL03	<b>Position:</b> Developer. <b>Position Summary:</b> Develop business intelligent reports.	<p>HTML5, JQuery, J2EE &amp; Java Programming Experience in Spring Integration, EJB, JPA , Servlets, Hibernate, Java Web Framework (Strut, Spring MVC, Play)</p> <p>Database: Experience with SQL statement, Experience with 1 or more database such as PostgreSQL, MySQL, or Oracle</p> <p>App Server : Experience with 1 or more Java Application Server, such as Tomcat, JBoss &amp; etc.</p>	> 3 Years
ATL04	<b>Position:</b> Developer. <b>Position Summary:</b> Video /Image Analytics.	<p>Experience developing and implementing real-world computer vision, machine learning, or pattern recognition systems</p> <p>Technical experience and knowledge of more than one of the following topics: object tracking, segmentation, image registration, feature extraction, object recognition, machine learning</p> <p>Strong technical and analytical knowledge and working in algorithm design and performance optimization</p> <p>Experience in software development using C &amp; C++ on Linux or Windows®.</p> <p>Competence with computer vision libraries such as OpenCV.</p>	>5 Years
ATL05	<b>Position:</b> Software Engineer – Big Data <b>Position Summary:</b> Big Data/Software	<p><u>Responsibilities:</u></p> <p>Design and develop applications in Java/ Javascript using a variety of frameworks and tools</p> <p>Work with the project manager and development manager on a day-to-day basis</p>	3-5 Years

		<p>Work with other team members to accomplish key development tasks</p> <p>Design, develop, customize and configure components or application or platform based on the MIMOS Big Data ecosystem</p> <p>Research and experiment with emerging technologies and tools related to big data.</p> <p>Requirement: A strong understanding of distributed systems and experience in using open source framework to build applications is strongly desired</p> <p>Multiple years of experience in a professional environment performing analysis, design and development tasks on multiple platforms</p> <p>Has strong problem-solving skills and strong discipline for thoroughness and accuracy</p> <p>Knowledge in Big Data (Hadoop) ecosystem is preferred</p> <p>Knowledge of service-oriented architecture and design with excellent skills in SQL</p> <p>Understanding of data flows, data architecture, ETL and processing of structured and unstructured data</p>	
BA	Senior Business Analyst	<p>Job Description</p> <ul style="list-style-type: none"> <li>• Study and understand the problem statement or scope of work</li> <li>• Identify and perform stakeholder analysis</li> <li>• Define and document customer business functions, processes, rules, roles, input and output requirements.</li> <li>• Acts as a liaison between end-users and designers in the analysis and design stages to ensure the requirements are interpreted correctly</li> <li>• Identify data elements and group the elements into concepts</li> <li>• Review the documented requirements with the users and document the comments made</li> <li>• Document methods or processes to improve efficiency and customer satisfaction</li> <li>• Provide the impact study details on any new or change requirement request</li> <li>• Perform gap analysis between two different requirements (new and old system)</li> <li>• Participate in user acceptance test and verify if the requirements have been met</li> <li>• Produce and review use cases and activity diagrams with the users</li> </ul> <p>Competency/Skills</p> <ul style="list-style-type: none"> <li>• 3 – 5 years of development/design experience of Business Application systems.</li> <li>• 5 - 7 years of experience as a business analyst development project involving multiple applications/**domain.</li> <li>• 3 - 5 years of experience in conducting and facilitating requirements gathering and analysis for multiple applications in one or more **domains workshops with the users</li> <li>• Experience in employing different techniques to gather requirements</li> <li>• Experience in the development of a wide range of business applications involving different domains</li> <li>• Good Written and verbal communication, including technical writing skills</li> <li>• Ability to engage both the middle management and end users during the requirements gathering and analysis stage</li> <li>• Ability to define the most effective solution and ensure that the solutions are within the scope and budget</li> </ul>	>5 Years

		<ul style="list-style-type: none"> <li>• Ability to determine priorities and dependencies</li> <li>• Ability to plan and supervise the work of others</li> <li>• Possess good leadership skills</li> <li>• Possess good understanding and experience in developing use cases and activity diagrams</li> <li>• Understand the Entity Relationship Diagram and its use in Requirements Development</li> </ul> <p>**Domain is involvement in different types of projects for example HR, CRM, Accounting, Billing, etc for different industries e.g. Transportation, Hospitality, Telco, Public Sector, O&amp;G</p>	
SA	Solution Architect	<p>Responsibilities</p> <ul style="list-style-type: none"> <li>• Understand integration problem and able to provide solution to address the problem</li> <li>• Coding, testing and debugging</li> <li>• Ensure code meets highest standards in terms of quality in design and implementation</li> <li>• Deal with external outsourcing company to ensure software solution are properly integrated</li> <li>• Resolve technical conflicts with internal and external developers</li> <li>• Suggest improvement on tools usage and process flow</li> <li>• Support the team by providing feedbacks for continuous tools process improvement</li> </ul> <p>Competencies and Skills</p> <ul style="list-style-type: none"> <li>• Experience in working on Enterprise Application Integration technologies such as ESB (Enterprise Service Bus), Enterprise Integration Patterns and Business Process Orchestration Tool, and BPEL</li> <li>• Experience in ESB integration solutions such as Spring Integration, Camel, Mule etc is a plus</li> <li>• Knowledge of GWT (Google Web Toolkit) is a plus</li> </ul> <p>Requirements</p> <ul style="list-style-type: none"> <li>• B.S or M.S degree in computer science, engineering or a related field</li> <li>• Advanced Java programming experience</li> <li>• Excellent problem solving, design, development and debugging skills</li> <li>• Strong Knowledge in design patterns</li> <li>• 4-7 years' solid design and development experience in J2EE environment required</li> <li>• Approximately 12-15 years' experience in enterprise architecture solutions in general</li> <li>• Ability to work both independently, and I a team, in a constantly challenging environment, to archive design and delivery goal=s is a must</li> <li>• Possess Postgresql experience</li> <li>• Possess Business Intelligence background</li> </ul>	12 – 15 years
SE01	Senior Tools Engineering for Quality	<ol style="list-style-type: none"> <li>1. Good programming/scripting skills; C, C++, Java, Python, Perl etc , branching / merging strategies, shell scripting, Linux commands, SCM day to day operations, continuous integration tools</li> <li>2. Configuration Management, Change Management, and Quality Management processes.</li> <li>3. Familiar with Engineering Product Lifecycle, Software Development Lifecycle, ISO 9000 or CMMI knowledge will be an added advantage</li> <li>4. Experience with system administration on Linux8. Test tools SOAP UI, JMeter, JIRA, &amp; Monitoring tools etc</li> </ol>	>5 years
SE02	Staff Engineer	<ol style="list-style-type: none"> <li>1. Software Testing methodologies &amp; Lifecycles</li> <li>2. Testing Design, Execution</li> <li>3. Test Case Design techniques</li> <li>4. Functional, Performance and Configuration Testing</li> <li>5. Test Automation</li> <li>6. Test summary report, Defect triage management</li> </ol>	>8 years

		7. Windows & Linux Environments 8. Test tools SOAP UI, JMeter, JIRA, & Monitoring tools etc	
N023/15	Staff Engineer	1. Functional, Performance Testing for Solution Projects, MIMOS Platform / POC Projects. 2. Test Design & Development 3. Test Execution 4. Defect Analysis and Reporting 5. Test Automation 6. Innovation and Continuous Improvement	5-10 years
N032/15	Senior Engineer	1. Modeling & Developing the Knowledge Base 2. Heuristic Engineering using Lisp & Prolog 3. Testing, Validating & Maintaining System	5-10 years
TP018/15	Engineer 2	1. Designing sample page layouts including graphic, animations and manipulating digital photographs 2. HTML 5 3. JavaScript 4. CSS3 5. Debugging Code 6. Write Test Case for JavaScript	5-10 years
TP041/15	Senior Engineer	1. C, C++, Java, .Net 2. SQL, PHP, HTML5, JavaScripts 3. GPU Programming (CUDA, OpenCL, Open ACC) 4. Algorithms Optimization 5. Parallel and Distribution Computing (OpenMP, TBB, MPI) 6. SDK Development, Big Data Processing	5-10 years
N037/15	Staff Engineer	1. JavaScript Programming 2. HTML 5 3. CSS3 4. SDLC 5. Single Page Application (SPA) 6. JavaScript Libraries, JQuery, Anular, Bootstrap, 7. Node 8. User Experience (UX)-Requirement gathering/Analysis, Interaction/Wireframe, Graphic Design	5-10 years
N003/15	Senior Staff Engineer	1. API framework to access enterprise services from service servers and smart service oriented device 2. Implement a commercial system that provides a secured method to charge services in a heterpgeueous environement of smart devices 3. IoT System platform for PaaS, SaaS and M-commerce 4. Enterprise Architectures 5. Service Oriented Design 6. Linux/Development Environment 7. Web Services	5-10 years
JM 01	Platform	Java EE, Java Spring Framework, Design Pattern, SOA, JPA, Linux, Tomcat,, Java Messaging, RESTful service, Shell Scripting	> 5 years
JM 02	Application interface	AngularJS, Advanced Javascript, Prototype-based OO concept, RESTful, HTML5, CSS3	> 5 years
JM 03	Software Application Development	Java / C/C++/Javascript/GIS/.Net	> 5 years

# MIMOS BERHAD RESOURCE REQUIREMENT

JM 04	Software Engineer - Relevance	<ol style="list-style-type: none"> <li>1. Analyze existing search relevance and ranking algorithms to better surface results and develop strategies for improvement</li> <li>2. Conduct analysis of usage metrics and patterns to identify opportunities to improve relevance</li> <li>3. Experience implementing machine learning algorithms and intent analysis to improve search results quality, across millions of documents.</li> <li>4. Work closely with researchers, product managers, and engineers from prototyping to production release</li> </ol>	3 - 5
JM 05	Software Engineer - Development	<ol style="list-style-type: none"> <li>1. Experience in Java/J2EE</li> <li>2. Experience with Linux command and bash scripting</li> <li>3. Continuous Integration Experience</li> <li>4. Experience with shell scripting</li> <li>5. Experience using MVC/spring/Hibernate/Logging frameworks</li> <li>6. Proficient with Unit testing and RDBMS</li> <li>7. Good design skills</li> </ol>	3-5 Years
JM 06	Data migration	<ol style="list-style-type: none"> <li>1. Java EE, Pentaho Data Integration (Kettle), SQL, Database, ETL</li> </ol>	3-5 Years
JM 07	Testing	<p>Test Lead</p> <ol style="list-style-type: none"> <li>1. Verification &amp; Validation skills, Test Planning &amp; Tests Strategy preparation, Functional &amp; Non-functional testing, Test summary reports, Test tools ( eg Jmeter, Yslow, JIRA), Test automation strategies</li> </ol>	8 -10 Years
JM 08	Testing	<p>Senior Testers:</p> <ol style="list-style-type: none"> <li>1. Validation and verification skills, Test Design, Test Case development, Test execution reporting, Test reporting, Functional &amp; Non-functional testing, Test environment setup, Test Tools ( eg Jmeter, Yslow, JIRA etc), Test automation using scripts</li> </ol>	5-8 years
JM 09	Testing	<p>Testers:</p> <ol style="list-style-type: none"> <li>1. Validation and verification skills, test case design, &amp; development, Test execution, Functional &amp; performance testing, Test automation using scripts</li> </ol>	3-5 years
JM 10	<ul style="list-style-type: none"> <li>• Vulnerability testing</li> <li>• Penetration testing</li> <li>• Server OS configuration review</li> <li>• OS / System Hardening</li> </ul> <p>Security audit using various International standard</p>	<ol style="list-style-type: none"> <li>1. To perform a thorough examination and testing on client infrastructure and system to find out IT security issues, vulnerability and possible loopholes</li> <li>2. To produce audit report base on international standard.</li> <li>3. To produce proposal on preventive measure and perform/ execute mitigation process.</li> </ol>	3-5 Years
JM 11	Dashboard widget creation (browser based)	<ol style="list-style-type: none"> <li>1. HTML5, Javascript, CSS3. Libraries – JQuery, Angular.js, Bootstrap. Interfaces – AJAX, JSON, REST/Webservices</li> </ol>	3-5 years

## Requirements for all positions:

Minimum Bachelor Degree in Computers/Electrical/Electronics/Telecommunication or related fields, good command of written and spoken English, good team player and capable of working in a highly dynamic environment with minimum supervision.