

# RAMESHKANNA YOHALINGAM

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<https://github.com/yrameshk26>

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Technically sophisticated engineering professional with extensive experience in information technology and mechanical engineering. Highly skilled in report development, database management systems, user interface designs, graphic design, and web design. Effective communicator with aptitude for building relationships that support organizational goals.

## AREAS OF EXPERTISE:

- Designing & Developing Applications
- Programming & Scripting
- Project Management
- Systems Implementation
- Support, Fix & Update Applications
- Client Relationship Management
- Quality Assurance
- Testing & Debugging
- IT Storage Solutions Development
- Backup & Recovery Strategies
- Troubleshooting & Problem Resolution
- User Training and Support
- Database Management & Reporting
- Web & Graphic Designing

## TECHNICAL PROFICIENCIES

<b>PROGRAMMING LANGUAGES:</b>	Java, J2EE, C, Visual Basic .NET, Python, HTML, CSS, Node.JS, Angular.JS, No SQL, MS SQL, Oracle, Javascript, JQuery, Matlab, Android
<b>DATABASE MANAGEMENT:</b>	MS SQL Server Management Studio, DataGrid, SQL Server 2008/2012, Web Logic, Crystal Reports, CouchBase, Hadoop, Tableau
<b>TESTING:</b>	SOAP UI, JMeter, JUnit, Selenium
<b>WEB/GRAPHIC DESIGNING:</b>	Adobe Dreamweaver, WordPress, Adobe Photoshop, Corel Draw, Adobe Lightroom, Adobe Illustrator
<b>3D MODELING:</b>	Autodesk AutoCAD, Autodesk Inventor, SolidWorks
<b>OFFICE AUTOMATION:</b>	MS Word, MS Excel, MS PowerPoint, MS Outlook, MS Access

## PROFESSIONAL EXPERIENCE

**TELUS COMMUNICATIONS INC,** Scarborough, ON, Canada

### DEVELOPER ANALYST (III)

JUNE 2018 – PRESENT

1. Developed Rest service subscribed to Kafka queue which posts messages to Oracle Coherence Datagrid
2. Developed Rest service for consumer to read from the Datagrid Cache with filtering
3. Designed and developed a system to handle multi datacentre implementation with zero downtime
4. Developed scripts to enhance existing eventing system to record and restore the missing events while downtime/failure
5. Developed scripts to Integrated Telus applications with Sonarqube for code quality, and created related Jenkin jobs.
6. Worked on Code Quality Tableau Dashboard to visualize the Sonarqube data for each team
7. Fixed the blockers and criticals identified by Sonarqube on the existing applications

**TELUS COMMUNICATIONS INC,** Scarborough, ON, Canada

### DEVELOPER ANALYST (II)

SEPTEMBER 2016 – JUNE 2018

1. Developed and tested codes on J2EE with Oracle Coherence Data Grid architecture application
2. Developed SOAP and RESTful web services on Spring Framework based on Datagrid Caches
3. Made scripts to automate simple deployments, side by side testing on production environment
4. Developed tool to automate the side by side testing with control on known discrepancies
5. Developed Event Listners to listen on CRUD events and make actions based on the events
6. Developed Restful services to publish the messages to kafka
7. Developed Rest Service to translate kafka messages into java objects and save them in Datagrid Cache
8. Developed Unit and IT Test Cases for the enterprise applications using Java/J2EE, Javascript, XML
9. Developed an internal web based GUI tool with Angular JS, to receives data from REST API which retrieves data from Couchbase Database
10. Tested web services with SOAPUI/JMeter for REST/SOAP web services and comparison test on Unix Env.

# RAMESHKANNA YOHALINGAM

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11. Scrum/Agile Methodology, Daily stand-up meetings, Weekly Planning Sessions, Monthly Retrospective meetings, Remote Work
12. Debugged and find out the root cause of the Database/Datagrid issues on code and suggested fixes
13. Modified/developed the existing cache modules for a future enhancement or testing purpose

## **HSENIID BUSINESS SOLUTIONS, Sri Lanka**

### **IMPLEMENTATION ENGINEER**

JULY 2015 – DECEMBER 2015

1. Implemented hSenid HRM system at client's sites including a product walk through to train employees' post-implementation to empower users to utilize system
2. Upgraded HRM Enterprise from V5 internal application to V8 at Client Side before the scheduled deadline
3. Designed and developed Crystal Reports based on customer requirements for HRM
4. Generated queries on SQL and Oracle platforms according to the system requirements
5. Built solid relationships with clients to provide superior service
6. Conducted monthly progress meetings, delivered presentations to clients and steering committee & prepared meeting minutes
7. Analyzed, troubleshoot & assisted on server & application issues by remote connection
8. Spearheaded a data migration from old server to new server on SQL & Oracle Servers

## **AMRA PLASTIC MOULDERS, Ajax, ON, Canada**

### **IT HELP DESK – MECHANICAL ENGINEER,**

NOVEMBER 2013 – MAY 2014

1. Performed dual roles as both a mechanical engineer and IT help desk support
2. Set up, inspected, and troubleshoot injection moulding machines & IT section Hardware
3. Utilized SolidWorks to design new drawings and modify existing drawings
4. Updated and maintained company website using WordPress
5. Measured parts with CMM to ensure proper fit & Created parts using various manufacturing machines
6. Relied upon by coworkers to make recommendations for new IT hardware purchases
7. Operated and trained on manufacturing software, Bepoke

## **EDUCATION & CREDENTIALS**

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### **WEB & MOBILE APPLICATION DEVELOPMENT TRAINING**

MAY 2016 - PRESENT

NPOWER CANADA, TORONTO, CANADA

### **PROFESSIONAL GRADUATE DIPLOMA (INFORMATION TECHNOLOGY)**

2011 - 2015

BRITISH COMPUTER SOCIETY, SRI LANKA

### **BACHELOR OF SCIENCE (HONS) (MECHANICAL ENGINEERING)**

2010- 2015

UNIVERSITY OF MORATUWA, SRI LANKA

## **CERTIFICATIONS & PROJECTS**

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### **MICROSOFT TECHNOLOGY ASSOCIATE (MTA)**

JUNE 2016

### **ORACLE CERTIFIED ASSOCIATE – JAVA SE 8 PROGRAMMER 1**

JUNE 2015

### **SPECIAL PROJECTS:**

1. **BSC FINAL YEAR PROJECT:** "Process Enhancement of Casted Aluminum Saucepan2015 Manufacturing", (Sri Lanka) 2015
2. **MEMS/NEMS PROJECT:** "Design and Fabrication of a MEMS Based 2DOF Capacitive Accelerometer", (Sri Lanka) 2014
3. **MACHINE DESIGN PROJECT:** "Automatic Coconut Scraper", (Sri Lanka) 2013
4. **IEEE EXTREME 6.0:** 24-Hour Programming Competition, (Sri Lanka), Rank 395 2013
5. **IEEE EXTREME 5.0:** 24-Hour Programming Competition, (Sri Lanka), Rank 460 2012

### **PUBLICATIONS:**

Y.Rameshkanna, R.B.A.Gayan, R.Ratheesan "Process optimization of Sri Lankan saucepan manufacturing industry by time study analysis" Research Publication, University of Moratuwa

## **PROFESSIONAL MEMBERSHIPS**

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British Computer Society, Student Member, Sri Lanka

2011 – Present

Institute of Mechanical Engineering, Sri Lanka

2012 – Present

Institute of Engineering Sri Lanka, Student Member, Sri Lanka

2013 – 2015

Institute of Electrical and Electronics Engineering, Sri Lanka

2011 – 2014

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## VOLUNTEER EXPERIENCE

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Leo Club of Colombo Circle, Vice President

2012 – 2013

Leo Club of Colombo Circle, Member

2010 – 2015

### ACTIVITIES

1. Community Development (Children & Elders Care) & Health Care
2. Environmental and Green Earth Concerned projects
3. Education and co-curricular activities
4. Sports, Entertainment and Aesthetics
5. Health & Safety (Aids,Dengue,Drugs) Awareness Programs
6. Leadership and Career Guidance Seminars
7. Fund Raising Projects to carryout other service oriented projects