RAMESHKANNA YOHALINGAM

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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

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

PROFESSIONAL EXPERIENCE

TELUS COMMUNICATIONS INC, Scarborough, ON, Canada

JUNIOR DEVELOPER ANALYST (CO-OP)   SEPTEMBER 2016 – PRESENT

- Developing and testing codes with Oracle Coherence Data Grid architecture application
- Developing an internal web based GUI tool with Angular JS, to receives data from RESTful API comes from couchbase Database
- Testing web services with SOAPUI, JMeter in the Rest and SOAP web services and side by side testing on Unix Environment
- Scrum Methodology, Agile Methodology, Daily standup meeting
- Debugging and find out the root cause of the Database issues on code and suggesting a fix
- Modifying the tool which generates input data for the side by side testing of datagrid web services
- Modifying/developing the existing cache modules for a future enhancement or testing purpose

hSENID BUSINESS SOLUTIONS, Sri Lanka

IMPLEMENTATION ENGINEER   JULY 2015 – DECEMBER 2015

- Implemented hSenid HRM system at client's sites including a product walk through to train employees' post-implementation to empower users to utilize system
- Upgraded HRM Enterprise from V5 internal application to V8 at Client Side before the scheduled deadline
- Learnt Crystal Reports within short period & generated reports according to customer requirements
- Generated queries on SQL and Oracle platforms according to the system requirements
- Built solid relationships with clients to provide superior service
- Conducted monthly progress meetings, delivered presentations to clients and steering committee & prepared meeting minuets
- Analyzed, troubleshot & assisted on server & application issues by remote connection
- Spearheaded a data migration from old server to new server on SQL & Oracle Servers
- Developed quality software based on detailed analysis of product

AMRA PLASTIC MOULDERS, Ajax, ON, Canada

IT HELP DESK – MECHANICAL ENGINEER,   NOVEMBER 2013 – MAY 2014
- Performed dual roles as both a mechanical engineer and IT help desk support
- Set up, inspected, and troubleshot injection moulding machines & IT section Hardware
- Utilized SolidWorks to design new drawings and modify existing drawings
- Updated and maintained company website using WordPress
- Measured parts to ensure proper fit with CMM & Created mould parts using various manufacturing machines
- Relied upon by coworkers to make recommendations for new IT hardware purchases
- Operated and trained on manufacturing software, Bespoke

PRIVATE HOME TUTORING, Sri Lanka   2010 –2016
- Conducted private class for student from Grades 9 - University Level on Mathematics, Physics & Chemistry
- Helped with homework, assignments, projects, and teaching course material

EDUCATION & CREDENTIALS

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

MICROSOFT TECHNOLOGY ASSOCIATE (MTA)   JUNE 2016
ORACLE CERTIFIED ASSOCIATE – JAVA SE 8 PROGRAMMER 1   EXPECTED DECEMBER 2016
TATA GOIT LEGO MINDSTORMS TRAINING   MAY 2016

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

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

VOLUNTEER EXPERIENCE

Leo Club of Colombo Circle, Vice President   2012 – 2013
Leo Club of Colombo Circle, Member   2010 – 2015

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