

Robert Mohid

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SUMMARY

Versatile and adaptive software development professional bringing more than 15 years in software design, development and integration.

EXPERIENCE

Senior Software Developer, Alcatel-Lucent

Kanata, Ontario — 2006-2015

Worked in numerous software design roles for various 3G/UMTS and LTE products. Performed in areas of feature design, customer troubleshooting, metric collection and analysis, quality oversight of feature content as well as producing on site training.

Accomplishments

- Lead designer of the RBOM high performance metrics collection system used in Alcatel-Lucent radio network controllers (RNCs) and a key resource for critical technical customer issues involving user plane metrics.
- Provided analysis tools, in python, to analyse and detect potential conflicts for the XML encoded configuration parameters in large customer networks.
- Designed automated, web based metrics for code quality using PHP and Perl to monitor code quality metrics. Generated reports directly to high level management to track release wide memory leaks using valgrind and code coverage information using GCOV.
- Provided training and supporting documentation to design teams on using in-house code coverage and memory leak tools.
- Provided oversight on all design content submissions into the user plane on the RNC as part of the gatekeeping review team.
- Implemented automated unit test report generation, from scratch, using Jenkins in a multi-site platform for hundreds of designers.

Senior Software Developer, Nortel Networks

Kanata, Ontario — 1996-2006

Worked in user plane software development for the Nortel flagship device, the passport switch. Technical lead for the the PORS routing system used by the NYSE stock exchange. Several years spent extending PORS for very large network topologies in close tandem with Orange France to facilitate large scale deployment across all the customers sites.

Accomplishments

- Team leader and lead designer for PORS, a highly reliable multi-protocol routing system designed to cover large geographical topologies.
- Key technical prime for the support, testing and technical training for the customer. Coordinated multi-national field deployment with Orange France on-site.
- Software development for configuration management on 3G and UMTS technologies for base, user plane and OAM domains
- Low level flash memory driver development for DPN access devices.

EDUCATION

Cégep de l'Outaouais

Technologie de systèmes ordinés - Technical Computer systems — 1996

A technical degree covering software development as well as digital and analog electronics.

SKILLS

- Advanced knowledge, C and C++ , 10+ years
- UMTS and LTE technologies
- Agile/Scrum methodologies
- Experience with Amazon Web Services - EC2/RDS
- Advanced knowledge, Perl and Shell Scripting
- Intermediate Python and Golang
- Javascript, jQuery, D3.js and Meteor.js
- CSS/HTML with REST
- XML and JSON
- Git and Clearcase
- Application deployment with Docker with git hooks
- Linux system administration
- Jenkins and groovyscript
- MongoDB/NoSql
- Basic SQL knowledge on MySQL
- Fluently bilingual english/french

REFERENCES

Available upon request.