

ROBERT SMITH

Software Application Engineer

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Looking to obtain a challenging and dynamic position in the area of Software development and Communication and any other relevant areas of interest pertinent to the company thereby contributing significantly to the organizational development.

EXPERIENCE

Software Application Engineer

Spacenet, Inc - SEPTEMBER 2010 - MAY 2018

- Development of SNMP enterprise MIB modules and implementation of SNMP applications (Agents and Trap Handlers) Embedded Linux programming in C for various telecommunication applications for an integrated network device.
- Involved in creating test plans and performed cross-functionality testing and regression testing.
- Key member in design and code reviews.
- Worked with other developers and testers for system integration and troubleshooting.
- Mentored junior engineers and technicians during system upgrades.
- Interacted with clients to provide technical and operational support.
- Languages Java/J2EE, HTML/JavaScript/XML/Web services ENVIRONMENT HP-Unix, Web logic, and Windows 7 DATABASE Oracle Roles & Responsibilities Involved in requirements gathering, design, and implementation (SDLC) for the IJP project.

Software Application Engineer

Delta Corporation - 2006 - 2010

- VoIP Implemented Jitter Buffer as part of Real-Time Protocol to reorder packets and address latency issue and designed automatic gain control.
- Involved in compressing and uncompressing of audio using G.711 algorithm.
- Implemented UDP protocol on TI-5410A processor.
- Digital Voice Recorder Member of a team involved in designing the overall system architecture.
- Implemented TCP/IP protocol on TI 5410A DSP.
- Improved reliability using IP fragmentation and TCP congestion control algorithm.
- Designed a gateway system which acts as a multiplexer for audio channels.

EDUCATION

- M.S. in Electrical Engineering - (Temple University - Philadelphia, PA)

SKILLS

SCALA.