Staff Software Engineer

ROBERT SMITH

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Objective

Extensive experience in all phases of the product development cycle. Effectively analyzes, designs, implements, and tests client/server programs. Enhances software through feature addition and defect remediation with the highest level of quality and customer satisfaction. Experienced in creating test plans and cases and in using an automated testing framework to verify software functionality.

Skills

Languages: C/C++, Java, HTML, Variants Of PL/I, CL, Communication Protocols: TCP/IP, APPC Network Protocols: CIFSPlatforms: IBM I

Work Experience

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IBM - 1997 – 2013

- Created IBM i operating system code, using c/c++, within schedule and budget constraints.
- Developed, maintained, and supported host server code, enabling IBM and 3rd-party client applications to access services within the IBM i operating system via TCP/IP and SSL connections.
- Designed, developed, and documented server internal programming interfaces for IBM and 3rd-party client developers, supplying interfaces upon request.
- Enhanced, maintained, and supported an smb client, allowing customer access to the latest Windows and Linux servers as well as to network-attached storage (NAS) devices.
- Provided solutions to software defects and customer concerns, improving customer experience with the IBM i operating system.
- Performed unit testing on all code developed, fixing all problems discovered during testing.
- Developed Java client programs to run on Windows and Linux in order to test host server code, ensuring correctness.

Software Engineer

ABC Corp - 1995 – 1997

- Responsible for the development of the applications mentioned below. Responsibilities, in brief, are outlined.
- Built a prototype to communicate with asperas fasp protocol with sterling secure proxy engine.
- Collaborate with architects from the industry solutions and WebSphere commerce division to provide cloud-based solutions for secure proxy.
- Revamp the user interface for sterling secure proxy configuration manager to web 2. 0 standards.
- Participate in weekly status calls with regards to the integration of asperas fasp protocol.
- Designed the feature that would allow audit level events to be published to a JMS queue.
- Developed code for the configuration manager to generate audit events and publish to the jms queue (active mq and WebSphere MQ).