

ROBERT SMITH

Product Development Engineer III

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SUMMARY

Industry Development Experience: Database, Web, Accounting/General Ledger, Warehouse, Tax, Lab/QA, OPC, Embedded Systems, PLC, Communication Drivers/Protocols, Business Intelligence, EDI, and Wireless. Database Systems: SQL Server, Oracle, and Access. Network Design and Implementation: wired, fiber, and wireless.

CORE COMPETENCIES

Python, HP Quality Center, Microsoft Office, Engineering.

PROFESSIONAL EXPERIENCE

Product Development Engineer III

ABC Corporation - August 1992 – August 1995

Key Deliverables:

- Developed a script language, field support utilities, and several graphics tools to implement a companys products with a touch screen system.
- Initiated and developed a feature that simplified and automated the configuration of new tank monitoring products.
- Developed a nationally distributed Windows based software package that collects inventory, EPA compliance, and equipment alarm data for retail petroleum stations.
- Maintained and enhanced a telecommunication-based host to monitor over 150 remote stations.
- Designed, constructed, and tested quad-safety barriers; prepared the circuit assemblies for production and UL approval.
- Participated in team efforts to design automatic tank/line testing systems for retail petroleum outlets.
- Provided assistance and training for installation contractors and end users of the companys compliance products.

Product Development Engineer

Advanced Micro Devices - 1987 – 1992

Key Deliverables:

- Singapore Current Role and Job Responsibilities Final Test Program owner for R4/R6 28nm Low power APU Perform logic and circuit design verification via software and hardware.
- Develop Emulator skeleton test program (signals, signal groups, namemaps) to validate Stingem-based patterns and to identify bugs to be resolved before product tape-out before silicon arrives.

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- Pre-silicon validation of patterns for Test team-owned IPs (Jtag, RingOsc) Develop test requirements, specifications and patterns.
- Develop and maintains program infrastructure for Final Test on Sapphire Test program debug and validation from first Silicon to production release.
- Interface with Design, ATaC and PE engineers for bug fixes and integration of ATaC- and PE-owned test program contents.
- Interface with OSAT engineers for test program releases to production Worked with the Product Engineering group in test time reduction and optimization to enhance production yield and reduce test cost Co-developer for A10 Low power APU / A4 Kabini Low.
- Test-Time reduction analysis and implementation..

EDUCATION

Bachelor of Science in Electrical Engineering - (Louisiana State University - Baton Rouge, LA)

