

SAJI PUTHENPARAMPIL GOPI

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PROFESSIONAL SUMMARY

Engineering Software professional with more than 16 plus years of experience in successfully handling various roles including development, testing and management.

SUMMARY OF SKILLS

- Design, development, testing and management of embedded software
- Experience in prototyping , Product development, Re-engineering and Reverse engineering projects
- Experience in developing device drivers and Board Support packages
- Experience in Board bring up
- Experience in managing Embedded, Mobile and Cloud based projects
- Exposure in building relationship with customers, maintaining successful correlation between business and technical groups, identifying and mitigating programs risks, establishing quality control and resolving program issues.
- Coordination of project activities between hardware, firmware and software teams across different countries
- Experience in managing Offshore Development Teams
- Experience in supporting sales team for presales activities (preparing technical presentations and preparing project proposals)
- Good understanding of CMMI / ASPICE processes.

EMPLOYMENT SUMMARY

[2016 March - Present] – Senior Software Engineer , UK-NSI Co. Ltd. Redditch, UK

[2013 May -2015 Feb] – Independent Technology Consultant, Supporting Acsia Technologies [India] and Technometrics – [UAE].

[2013 May – 2015 Aug] – Director , Ventus Intelligent Business and Engineering Solutions- [Trivandrum, India]

[2006 May - 2013 Mar, 6.9 years] -Senior Lead Engineer in NeST Technologies [Now Quest Global], Trivandrum, India

[2002 July - 2006 May, 3 years and 10 months] - Senior Software Engineer [Semifi Integrated Technologies Pvt. Ltd, Bangalore,India]

[2000 May - 2002 June, 2 years] – Contract Engineer [Research Centre Imarat (RCI,DRDO), Hyderabad]

TECHNICAL SKILLS

Languages	Assembly, C
Platforms/ OS	VxWorks, Linux ,Uboot, PMON Renesas uPD70F3525, Davinci 6446, MPC 8313, ASPC2 STi7105, AT91SAM9260, MSP 4200, MSP 7120, Reon-VX , Gladiator chipset, Fluid Hardware, PIC, 8051
Standards	CAN, USB,I2C,SPI,1553,VME Bus ,Ethernet, Profibus, UART
Development Environment	Green Hills MULTI, Keil, CodeWarrior, Code Composer Studio, IAR Embedded workbench IDE, Tornado, Microsoft Visual Studio, GNU tool chain, Android development tools, GTK, Glade
HW/SW Tools	Vector Cast, CANOE, ulink ARM Debugger, Mini cube, CANCase
Version control	VSS, SVN, IBM RTC
Industry Domains	Automotive, Industrial, Medical and Consumer electronics

PROJECT EXPERIENCE SUMMARY

Client	Project	Technology	Roles and Responsibilities
Jaguar Landrover	Instrument Panel Cluster	Firmware	Lead day to day project activities, Involve in Project planning, estimation, project tracking and coordination, development support (coding/reviews/unit testing, when needed) and release management
Acsia Technologies	IoT Box (Embedded/ Cloud / Web Application)	Embedded, Amazon Cloud, Web, Mobile	Project Consultant (Involve in requirement finalization, Analysis of different technologies, Support architecture design, Reviews, Implementation and Deployment support)

Technometrics	Vigil Track (GPS Tracking)	Amazon Cloud, Web, Mobile, GPS, RFID	Project Consultant (Involve in requirement finalization, Project Management, Support architecture design, Reviews, Implementation and Deployment support, Interaction with hardware provider, Support to device testing team, Implementation support for the communication with the GPS device)
Molex	Re-engineering of Profibus PCI Card	C, Firmware, VxWorks, BSP	Point of contact with customer, Offshore team management, Requirement Analysis, Project Coordination (coordination between Hardware, Firmware and Software teams) Firmware Project lead, Reviews, Technical support to development team, Porting of BSP from a similar device
HP	Color Critical Monitor	C, Firmware, Linux	Project Management, Project Coordination (coordination between Hardware, Firmware, Software and third party vendors) Risk analysis and Mitigation, Reviews, Technical support to development team
Qualcomm	Android Media framework customization and app development	Android	Point of contact with customer, Project Management
IDT	SDK Development	C, Linux, Glade, GTK	Point of contact with customer, Team Lead, Support the customer for technical discussions with end customers
NeST	Hybrid Set-top Box	C, Firmware, Linux	Platform (Firmware and Hardware) Team Manager, Firmware Team lead, Requirement Analysis, Identification of Appropriate hardware platform, Identification of Middleware, Integration support, Qwerty Remote Integration, Communication with third party suppliers
Toshiba	Portable Ultrasound scanner (proto)	C, Firmware, Linux	Point of Contact with customer, Team Lead, Design, Reviews, Technical support to development team, Testing support in Japan
Toshiba	Collimator Controller (Re – engineering)	C, Firmware, Microcontroller	Team Lead, Analysis of existing code, porting it for new processor, Board bring up, Integration and testing
MELCO	GPS Interface Module	C, Firmware, Microcontroller	Firmware Development and Testing

Syderal	Vehicle Memory unit	C, Firmware, Microcontroller	Team Lead, Firmware Development and Testing
Media Lab Asia	Tele Medicine Terminal	C, Firmware, Linux, Microcontroller	Team Lead, Design, Firmware Development and Testing
PMC -Sierra	Socket Buffer Recycling	C, Linux, Device driver	Driver Development and Testing
PMC -Sierra	Ethernet Driver	C, Linux, Device driver	Driver Development and Testing
PMC -Sierra	VxWorks Driver	C, VxWorks, Device driver	Driver Development and Testing
Semifi	SMS Messaging Centre	C, Vxworks	Development and Testing
DRDO	Interface Software for seeker Radar	C, DOS	Development and Testing

EDUCATION

Bachelor of Engineering in Electronics & communication -Madras University, June 2000.