

Bangalore, Karnataka, India

Vasudeva Sathish Kamath B
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EMPLOYMENT

Senior Software Engineer

ABB India Limited

July 2011 - Present

- Languages Known: C (Proficient), C++ (intermediate), Python (proficient), Shell Scripting (proficient), GNU Make(Proficient), Go (beginner), PHP (prior experience), Git (proficient), Networking Basics (TCP/UDP).
- Took end to end ownership of ABB's migration of the "Intelligent Solution Product" to a next generation new hardware platform based on Debian Linux.
- Upgraded existing Linux system based on Debian focused on security performance and stability.
- Evaluating device driver from hardware vendor and integrating it into the build system and deploying it onto devices kernel.
- Responsible for evaluating hardware vendor patches and integrating them into the new kernel.
- Design and implementation of automation tool using bash scripting and GNU make build system for bootstrapping new OS for device.
- Enhancing and maintaining existing C/C++ based software modules.
- Enhanced and extended TCP/IP and UDP proprietary protocol extensions in the device networking stack.
- Enhanced and implemented Wireshark extensions for the proprietary protocol stack.
- Introduced Git version control system for above activities
- Enforced good software engineering practices by use of Klocwork static analysis and code review tool.
- Expertise in analyzing performance bottlenecks and improving the system performance

Systems Analyst

Invenger Pvt. Limited

July 2009 - June - 2011

- Designed and implemented iClaims application for iPhone and Blackberry (partially). The application widely used for filing insurance claims for huge insurance company in the US.
- Designed and implemented the Racontours iPhone application for providing pictorial and walking audio tours for customers, with built in option for purchasing additional types of tours
- Implement PHP based web service for Racontours and introduced Subversion for version controlling the above

OPEN SOURCE CONTRIBUTIONS

- I'm official Debian maintainer from December 2011, I maintain about 66 packages in Debian (seen on my QA page). Currently undergoing NM process to become Debian Developer.
- Developer for SILPA Python framework for Indian language computing. Entirely redesigned the framework to use Flask micro framework and separating various python module. Code is hosted on Github.
- Developer XMPP bot for fetching and responding with meanings from Wiktionary in Python.

EDUCATION

Nitte, Karnataka, India	NMAM Institute of Technology	2005-2009
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Bachelor of Engineering in Information Science, from Visvesvaraya Institute of Technology with First Class Distinction.

LEADERSHIP/ORGANIZING/INTERESTS

- Organized MiniDebconf India in 2011.
- Mentored SILPA project under SMC organization in Google Summer of Code 2013.
- Taught Indian drum “Tabla” for 5 years, holder of “Vidwat” degree in Hindustani Tabla