





Ganesh Kamath

Software Development Engineer specializing in platform power management technology tools

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Work Experience

03/2016 - Present

Software Development Engineer Windows Driver Team, Intel

Tasks

- Development of Intel® eXtreme Tuning Utility (XTU), to enable overclocking and performance tuning

06/2013 - 03/2016

Software Development Engineer Software Tools Team, Intel

Tasks

- Gained expertise in ACPI and developed a tool to evaluate ACPI control methods from Windows OS
- Gained expertise in platform power management and developed various System Profiling and System Analyzing tools that identify power consumption activities from different platform components
- Developed EFI BIOS tools to measure battery parameters as well as tool to alter Power and Performance Registers

06/2012 - 06/2013

Intern Automation Team, Intel

Tasks

- Developed a tool for automated end to end client system provisioning and a remote test execution framework to execute system validation test cases
- Developed web-based Python Script Generator to enable generation of scripts for system level test cases

11/2008 - 01/2009

Intern Aerospace Department, Indian Institute of Science (IISc)

Tasks

- Wavelet Based Analysis of non-periodic signals using wavelet toolbox of MATLAB to analyze Shock-wave data

Education

08/2011 - 04/2015

MS in Embedded and Wireless Technology School of Information Sciences (SOIS), Manipal University

Course Highlights

- Secured University Gold Medal for the MS degree (2011-2013)
- CGPA 9.94 (on 10)
- Secured Manipal University Scholarship
- Published 2 papers in IJCA

08/2007 - 05/2011

B. Tech in Electronics and Communication Amrita School of Engineering, Amrita University

Course Highlights

- Project - "Design of MEMS based pressure sensors", IISc
- CGPA - 7.6 (on 10)

Skills & Competences

Platform Power Management

Coding (Python, C++, C, Java)

Scripting (JS, Batch, Bash)

Achievements & Certificates

Technical Expert in Intel Education Service Corps (IESC), 2015

- "47 in 1 Project", enabled 2 schools in Kenya with Computer training

Demoed Intel(R) RealSense Technology, 2016, Kolkata - Secured Best Booth Award

- 29th International Conference on VLSI Design; 15th International Conference on Embedded Systems

Demoed Intel(R) Edison Board, 2015, Bangalore

- 28th International Conference on VLSI Design; 14th International Conference on Embedded Systems

Member of Intel IoT (Internet of Things) Makers Group, Bangalore

- Organizer at Events: Intel IoT Roadshow Hackathon, GDG Hackathon, GDG UX Masterclasses, GCP Next

One of the top 50 community volunteers from Intel India, 2012, 2015

USB Device Drivers Paper Presentation and Workshop, Manipal
Runner-up in Cadence Basketball Tournament, 2014

Languages

English	●	●	●	●	●
Konkani	●	●	●	●	●
Kannada	●	●	●	●	●
Hindi	●	●	●	●	●

Interests

Programming | Basketball | Community Volunteering |
Presentation and Demo | User Experience (UX)