



# Ganesh Kamath

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Software Development Engineer specializing in platform power management technology tools

## Work Experience

03/2016 - Present

### Software Development Engineer at 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 at 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 at 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 at Aerospace Department, Indian Institute of Science (IISc)

#### Tasks

Wavelet Based Analysis of non-periodic signals using wavelet tool-box 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

Poster presentation at Software Professional Conference, Intel

Device Emulation Through ACPI Override Mechanism

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)