

CAREER PROFILE

- 10+ years of development experience in Embedded Firmware using C and MATLAB/Simulink.
- 5+ years of experience in embedded hardware design and development.
- Very good understanding of hardware and low level software systems.
- Experience across wide range of microcontrollers and development tools.

EXPERIENCES

Lead Engineer

John Deere India, Pune

2016 - Present

Currently working as a Lead Engineer. The role involves following

- Designing software architecture and working with development teams to get it developed.
- Developing feature code using C or MATLAB/Simulink.
- Writing MATLAB Scripts to develop automation tools.
- As an ECU integrator Worked on AUTOSAR tools such as DaVinci Developer and DaVinci Configurator.

Freelancer

Freelancer, Mumbai

2014 - 2016

I have worked as Freelance Developer and Consultant. Following are some of the highlights.

- Worked as software consultant for Sprylogic Technologies. In this role I have helped the organization in writing and adapting Embedded C coding guidelines.
- Worked with development teams in Sprylogic to help them deliver the projects on time with greater quality.
- Worked as Freelance developer to deliver Firmware and Hardware solution to clients.
- As a Freelance developer the projects I worked on includes Electronic Manometer, Single Tier Orbital Shaker, Gas Analyzer and many more.

Senior Embedded Developer

Sprylogic Technologies Ltd, Mumbai

2010 - 2014

The roles and responsibilities included Software Team lead and software architect for Fuel Dispenser and Home UPS Inverter project.

- As a software team lead, worked with team to deliver firmware for Multi-Product Fuel Dispenser.
- Developed driver level code for STM32, MSP430, Freescale Kinetis microcontroller.
- Developed reusable drivers for CAN, SPI, I2C, MODBUS RTU.

PROJECTS

You can list your publications in this section. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum et ligula in nunc bibendum fringilla a eu lectus.

Muti-Product Fuel Dispenser - Multi-Product Fuel Dispenser.

Electronic Manometers - Electronic Manometers.

Combine Harvester - Combine Harvester.

Gas Analyzers - Gas Analyzers.

SKILLS & PROFICIENCY

Embedded C	<div></div>
Simulink and Stateflow	<div></div>
Embedded HW Design	<div></div>
AUTOSAR	<div></div>
Vector DaVinci Developer and Configurator Tools	<div></div>



Kumar Sawant

Embedded System Developer

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EDUCATION

B.E. Electronics And Telecommunications

University of Pune
2006 - 2010

LANGUAGES

Marathi (Native)

Hindi (Native)

English (Professional)

INTERESTS

Technology

Stargazing