

Roopesh. S

I am passionate about hardware and Software engineering, particularly in Embedded Systems, Computer Networking, Cloud, and the Web. I am able to effectively self-manage during independent projects as well as collaborate as part of a team.

EXPERIENCE

Software Engineer Intern

Jan 2023 - Present

Pando

- Worked on an internal tool that increases the Customer Conversion Rate through visualizations that the Value Discovery Team uses.
- Wrote a service that decreases the response time by calling a third-party API nearly to 75% from its previous time.

Embedded Systems Intern

Aug 2022 - 1 month

Revoh Innovations Pvt. Ltd.

- I worked with various communication protocols like USART, SPI, and I2C. Implemented a Frequency Testing Device for their BLDC Motor Controller using the PWM technique in the STM32 Microcontroller board.

EDUCATION

B. S. Abdur Rahman Crescent Institute of Science and Technology, Chennai

2019 to 2023: Bachelor of Technology (B. Tech) in Electrical and Electronics Engineering

CGPA: 9 (Upto 7th Semester)

Don Bosco Matriculation Higher Secondary School, Chennai

2018 to 2019: HSC Tamil Nadu State Board Class 12 - 78.67%

2016 to 2017: SSLC Tamil Nadu State Board Class 10 - 91.40%

PROJECTS

Room Slot Booking

A Room slot booking application built using Python and Django.

Conception - An Idea-sharing platform

Conception is an idea-sharing platform where anyone can find a collection of ideas in every niche. Built using Next.js and MDX.

Freshbey

Freshbey is an open-source and self-hostable e-commerce application with a focus on developer productivity and ease of customization. Built with MERN stack.

OPENSOURCE CONTRIBUTION

IHR Website (PR [#210](#))

Made the IHR website responsive. The website is built using Vue.js and Quasar framework.

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Portfolio: roopeshsn.github.io

Github: [roopeshsn](https://github.com/roopeshsn)

Linkedin: [roopeshsn](https://linkedin.com/in/roopeshsn)

Leetcode: [roopeshsn](https://leetcode.com/roopeshsn)

SKILLS

Data Structures, Algorithms, C/C++, Java, JavaScript, TypeScript, React.js, Next.js, Node.js, Express.js, MongoDB, MySQL, Linux, Docker, Git

CERTIFICATION

Applied Industrial IoT - L&T Edutech

NPTEL Certification on Embedded System Design

Algorithms Specialization from Stanford University through Coursera

LANGUAGES

English - Professional working proficiency

Tamil - Native proficiency

VOLUNTEER EXPERIENCE

Project Manager

Crescent Technocrats Club

Collaborated with Crescent Technocrats Club to create college software projects.

INTERESTS

Reading books on Money management (*The Psychology of Money*) and Self-development (*Atomic Habits*)