

# Tushar Borul

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## EDUCATION

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### Aditya Engineering College, Beed

*B.E. in Electronics And Telecommunication Engineering — 8.25 CGPA*

*Aug 2019 – March 2023*

### Shri Shivaji Polytechnic Institute, Parbhani

*Diploma in Electronics And Telecommunication Engineering — 70.41%*

*July. 2016 – March 2019*

### Bal Vidya Mandir, Parbhani

*SSC MSBHSSE Board — 80.60%*

*June 2015 – March 2016*

## SKILLS

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**Programming Languages:** Java, HTML, CSS, JavaScript

**Developer Tools:** Git, Visual Studio Code, IntelliJ, Eclipse

**Version Control:** Git and GitHub

Responsive Web Design

Cross-browser Compatibility Testing

PCB Design and Layout

Network Protocols

Microcontroller Programming

Communication Systems

## EXPERIENCE

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### Frontend Developer Intern

May 2023 – Present

*Subtle Solutions Pune*

*Remote*

- Collaborated with senior developers to implement responsive web interfaces for client projects using HTML, CSS, and JavaScript.
- Collaborated with the design team to implement visually appealing user interfaces.
- Participated in bug fixing activities to ensure code quality.
- Learned and applied UI/UX principles to improve user experience.

## PROJECTS

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### Self-Portfolio Website

Apr 2023 – Present

- To create a visually appealing and informative self-portfolio website that highlights my academic achievements, technical skills, projects, and experiences in an engaging and user-friendly manner.
- Front-End: HTML5, CSS3, JavaScript for website structure, styling, and interactivity.
- Responsive Design: Media queries and flexible layouts to ensure optimal display across devices.
- Implemented a responsive layout to ensure optimal viewing experience across devices.

### Ultrasonic Distance Measurement

- Designed and executed an innovative project to develop an Ultrasonic Distance Measurement system utilizing an 8051 microcontroller and an ultrasonic sensor.
- Successfully implemented real-time distance calculations based on ultrasonic echo signals, displaying accurate distance measurements on an LCD screen.
- Strengthened skills in embedded systems programming, sensor interfacing, signal processing, and hardware-software integration.

### Home Automation System

- To design and implement a Home Automation System using IoT technologies that enable users to remotely control and monitor home appliances through a user-friendly mobile application.
- Arduino microcontroller for interfacing with sensors and actuators
- IoT protocols such as MQTT for real-time communication
- Sensors: Light sensors, temperature and humidity sensors, motion detectors.