

# Abhishek Khanai

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<https://github.com/Abhishekkhanai07>

## Education

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VSM's Somashekhar R Kothiwale Institute of Technology, Nipani  
Bachelor of Engineering - Electronics and Communication Engineering (May 2025)  
CGPA: 8.75

SJPN Trusts PU College, Nidsosi (July 2021)  
Science - Computer Engineering | Percentage: 79.5

K M S School, Sankeshwar (April 2019)  
SSLC | Percentage: 83.04

## Skills

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**Programming Languages:** Proficient in Java, SQL, HTML, CSS, Java Script.

**Tools & Technologies:** Experienced with VS Code, Notepad, Arduino IDE, Eclipse

**Operating Systems:** Competent in Windows

**Relevant Courses:** Specialized in Embedded Systems with IoT, PCB Designing, VLSI

## Experience

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### Intern - Future Technology, Belagavi (*Embedded Systems with IoT*)

- Designed and implemented IoT-based embedded systems to enhance automation.
- Programmed microcontrollers and integrated real-time sensor data for monitoring.
- Collaborated with a team to streamline IoT communication protocols, improving efficiency by 20%.

### Intern - Electrosal HI-TECH PVT. LTD., Nipani (*PCB Designing*)

- Engineered high-quality PCB layouts using industry-standard tools like KiCad and Eagle.
- Optimized circuit designs, reducing power consumption by 15%.
- Troubleshoot and validated circuit boards, ensuring seamless hardware integration.

### Intern -Java Full Stack Development, Q/J-Spiders, Pune. (Ongoing)

## Projects

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### Amazon.com Website Clone

- Developed a fully responsive e-commerce website clone of Amazon using HTML, CSS, JavaScript.
- Implemented core functionalities such as product listing, cart system, and user login interface.
- Designed product detail pages and a simulated checkout flow to mimic real-world shopping experiences.
- Focused on UI/UX principles to deliver a seamless and intuitive user interface.

### Food Recipe Website

- Developed a responsive food recipe website using HTML, CSS, and JavaScript with features like real-time search, ingredient adjustment, and local Storage-based bookmarks.
- Designed a user-friendly UI with categorized recipes, detailed cooking steps, nutrition info, and smooth CSS animations for enhanced UX.

### Wireless Safety Control for Two-Wheelers

- Engineered an IoT-based safety system to prevent road accidents and enhance rider safety.
- Integrated sensors to detect speed, alcohol levels, and collision risks, triggering real-time alerts.
- Developed Bluetooth-enabled emergency notifications to alert contacts in case of an accident.

## Carrier Objective:

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- To leverage my technical expertise in software development and IT systems to build innovative and scalable technology solutions.
- To contribute to cutting-edge software projects and take on leadership roles in the field of Information Technology