

Abhishek Khanai

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Education

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

Programming Languages: Proficient in Java, SQL, HTML, CSS, JavaScript

Libraries & Frameworks: Skilled in Spring Boot, React

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

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.(*Java Full Stack Development*)

- Developed responsive web applications using Java, Spring Boot (backend), and React (frontend).
- Implemented RESTful APIs and integrated frontend with backend services for seamless data exchange.
- Improved app performance and reduced load time by 25% in an Agile team

Projects

Amazon.com Website Clone

- Developed a fully responsive e-commerce website clone of Amazon using HTML, CSS, JavaScript, and Bootstrap.
- 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:

- 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