Kunal Kolhe

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SUMMARY

Computer Science Engineering student with skills in full-stack web development and AI-based solutions. Experienced in building real-life projects using React.js, Node.js, Supabase, and TensorFlow. Passionate about solving real-world problems with clean, efficient, and user-friendly applications.

TECHNICAL SKILLS

Languages: C++, JavaScript, Python (Beginner)

Web Development: HTML, CSS, React.js, Node.js, Express.js, MongoDB, REST API Development

Tools & Frameworks: Git, VS Code, Postman, MySQL, Bootstrap, Spring Boot, Supabase, TensorFlow, OpenCV

Core Areas: Full Stack Development, IoT Integration, AI Applications, Problem Solving, Database Design

PROJECTS

Virtual Setu

Full Stack Web Application   *React.js, Node.js, Supabase*

- Developed a digital platform that connects citizens with government services such as Aadhaar, PAN Card, and Passport.
- Implemented smart digital card and PIN-based document access for secure and easy retrieval of documents.
- Built user-friendly frontend in React.js and used Supabase for authentication and data storage.

Real-Life Solutions for Waste Management System

AI & Full Stack Project   *TensorFlow, Supabase, React.js, Node.js, OpenCV, Google Maps API*

- Built an AI-powered waste management system integrating real-time waste detection, QR verification, and route tracking.
- Developed a dashboard for citizens and authorities with real-time updates using Google Maps API and Supabase backend.
- Added features like Scrap Dealer Marketplace and Donation Hub to encourage recycling and reuse.

EXPERIENCE

Software Development Trainee   May 2025 – July 2025

HCL Technologies   *Remote*

- Learned to design secure, scalable web applications using Spring Boot, Angular, and MySQL.
- Implemented CRUD-based modules and improved understanding of backend logic and client-server architecture.

EDUCATION

Sanjivani University   Kopargaon, India

B.Tech in Computer Science and Engineering   *Sept 2024 – Present*

CGPA: 7.5 / 10

Gautam Polytechnic Institute   India

Diploma in Computer Science   *Feb 2022 – June 2024*

Percentage: 77%

ACHIEVEMENTS & HACKATHONS

Certified by **Smart India Hackathon (SIH)** for developing the project *"Real-Life Solutions for Waste Management System"*, an innovative AI for real-time waste management.

Participated in multiple online training programs on web development and JavaScript.