

# VRUSHABH HIRAP

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## SKILLS

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**Languages:** C, C++, Java, Python, Kotlin, SQL, PHP

**Frameworks:** Spring Boot

**Databases:** Firebase, Supabase, Postgres, MySQL, MongoDB

**Web Technologies:** HTML, CSS, Javascript, Typescript, React

**Tools & Platforms:** Git & GitHub, Android Studio, PyCharm, IntelliJ, VSCode, Figma

## WORK EXPERIENCE

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### SUMAGO INFOTECH PVT. LTD.

Android Development Intern

Nashik, India

Jan 2024 – Jul 2024

- Worked on live Android projects, gaining practical experience in mobile app development and deployment.

### MOUNTREACH SOLUTIONS PVT. LTD.

Full Stack Development Intern

Amravati, India

Aug 2024 – Nov 2024

- Developed “College Management (My College App)” project, applying skills in design and development with a focus on end-to-end implementation.

## UNIVERSITY PROJECTS

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### Cohort - A Social Media Platform for PCCOE

- Building a campus community web app for discussions, announcements, placements, and student collaboration.
- Implementing role-based features and real-time updates to improve campus communication and engagement.

### AdaptLearn - An Adaptive Learning Platform

- An AI-powered adaptive learning platform that personalizes learning paths based on user performance and engagement.
- Built a responsive SaaS frontend using React and Tailwind CSS with dynamic dark/light mode and interactive UI components.

### OrbitOne - Building Business Beyond Earth

- Developed **OrbitOne**, a data-driven web platform to visualize satellites, space debris, and safe orbits in Low Earth Orbit (LEO) using NASA and USGS datasets.
- Built analytics features for debris mapping and collision prediction, along with a mission dashboard for both enterprise (B2B) and consumer (B2C) use cases.

### QuickCart - Android Application

- An efficient online shopping platform for seamless product browsing and purchasing.
- Developed a user-friendly shopping app with real-time cart updates and category-based product discovery using Firebase Firestore.

### CampusPro+ - Campus Management Mobile Application

- College management system for admin, HOD's, teachers and students.
- Built an Android college management app with HOD, teacher, and student modules for notices, timetables, and attendance using Java and Firebase Firestore.

## ACTIVITIES

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### OWASP PCCOE CLUB

Team Member

PCCOE, Pune

Sep 2025 – Present

- Actively learning and applying web and mobile application security practices.
- Participate in security workshops, hands-on labs, and vulnerability awareness sessions conducted by the club.

## EDUCATION

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### PIMPRI CHINCHWAD COLLEGE OF ENGINEERING (PCCOE)

Pune, India

Bachelor of Technology ( B. Tech ) - Major in Computer Science

Minor in Artificial Intelligence and Machine Learning

Aug 2025 - Jul 2028

### GOVERNMENT POLYTECHNIC AMBAD

Ambad, India

Diploma in Information Technology - 92.38%

Oct 2022 - Jun 2025

**Relevant Coursework:** Object Oriented Programming, Operating Systems, Computer Networks, Client-Side Scripting, Databases, Electronics and Microprocessors, Software Engineering, Mobile Application Development

## ACHIEVEMENTS & CERTIFICATIONS

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### NASA International Space App Challenge 2025 - Galactic Problem Solver

Oct 2025

- Recognized by NASA for outstanding participation and contribution to solving real-world space and Earth challenges.

### Full Stack Development Internship - Mountreach Solutions Pvt. Ltd

Aug 2024 - Nov 2024

- Completed internship and developed a College Management (My College App) project demonstrating full-stack development skills.

### Industrial Training in Mobile Application Development - Sumago Infotech Pvt. Ltd

Jun 2024 - July 2024

- Completed 6-week industrial training focused on Android and mobile app development fundamentals.