

# Aviraj Kale

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## Education

### Bachelor Of Technology in Computer Engineering

2022 – 2026

Pimpri Chinchwad College of Engineering, Pune

Pune, Maharashtra

- Savitribai Phule Pune University
- Cumulative GPA : **9.03/10.0**

## Experience

### Pimpri Chinchwad College of Engineering, Pune

November 2024 – April 2025

Consultancy Projects Developer

Pune, Maharashtra

- Developed consultancy projects **Prashaansh** (automated question paper generation) and **Faculty Appraisal** (role-based faculty assessment system), currently used by over **50+ faculty members**, significantly improving institutional efficiency and administrative workflows.

## Projects

### Faculty Appraisal System | React, Flask, Python, Tailwind CSS, MongoDB, SMTP

- Engineered a centralized digital platform for faculty appraisal, integrating role-based access, tracking, and analytics.
- Reduced manual work by 80% with year-long accessibility, automated emails, and historical performance tracking.
- Improved transparency and ease of use for 50+ faculty through intuitive dashboards and secure data management.
- Selected for institutional deployment at PCCoE, impacting academic review efficiency campus-wide.

### Automated Question Paper Generation System | React, Flask, Python, Tailwind CSS

- Reduced manual effort by 70% through auto-generation of question papers from structured faculty-uploaded banks.
- Enabled intelligent question selection using difficulty level, marks, and Bloom's taxonomy for consistency and efficiency.
- Successfully generated 10+ question papers for the final exams at PCCoE College of Engineering.

### Agrikart | React, Node, Express, MongoDB, Tailwind css

- Built using React, Node.js, and MongoDB, ensuring a smooth user experience with an optimized backend.
- Improved equipment rental efficiency by 50% through an intuitive interface and streamlined booking process.
- Enhanced accessibility for farmers by integrating location-based equipment availability.

## Technical Skills

**Languages:** PL/SQL, C, C++, HTML/CSS, Python(Basic), Javascript, Liquid, R

**Frameworks/Library:** React, ExpressJS, MongoDB

**Developer Tools:** VS Code, Postman, Virtual Box

**Technologies:** Linux, Git, Github, Shell Scripting

## Awards

### Hacktopia Hackathon

2024

Winner (First Place) - Led the team as the leader and contributed as a front-end designer.

ACM PCCoE

### AVCOE National Hackathon

2025

4<sup>th</sup> Place out of 196+ Teams - For developing an innovative solution to address farming-related issues.

AVCOE

### Web Design Competition

2023

Winner (First Place) - Accomplished first place in a competitive event during the first year of college

PCCoE

## Leadership

### Spectrum 2024

2024

Event Lead - Led a national-level technical event with 12+ sub-events, managing planning and execution.

PCCoE

### OWASP Student Chapter

2024

Web Dev Head - Oversaw website development and maintenance, driving regular updates and tech enhancements

PCCoE

## Certifications

CS50's Introduction to Database Management System by Harvard University

2024

Introduction R Programming

2024