

# Aakash Kale

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## EDUCATION

### PILLAI COLLEGE OF ENGINEERING

B.TECH IN COMPUTER ENGINEERING  
Grad. 2024 (Ongoing) | CGPA: 8.60

### N.G. ACHARYA AND D.K. MARATHE COLLEGE

PCM WITH COMPUTER SCIENCE  
Grad. May 2020

## COURSEWORK

### UNDERGRADUATE

Artificial Intelligence  
Machine Learning  
Python Programming  
Web Programming  
Blockchain Technology(Minor/Honors)  
Data Structures  
Design and Analysis of Algorithms  
Operating Systems  
Object Oriented Programming  
Computer Graphics  
Robotics  
Theory of Computation  
IoT/IIoT

## SKILLS

### PROGRAMMING

Languages

- Python
- JavaScript
- TypeScript
- HTML
- CSS

Frameworks

- React (React.js, Next.js, Vite, Native)
- Python Web (Django, Flask)
- CSS (Bootstrap, Tailwind)
- Express.js

Technologies

- SQL(Sqlite3,MySQL, PostgreSQL)
- Node.js
- REST APIs
- Git(GitHub)
- FireBase

## EXPERIENCE

### TRISTHA GLOBAL | SUMMER INTERN | MAY 2023 – JULY 2023

Quality Assurance Testing

- Tested a Banking Employee Directory Application using manual testing techniques, improving test coverage by 25%.
- Wrote 70 Test Cases within 7 days for covering the application functional requirements, with 95% Test Coverage and identified 10 bugs.
- Logged the Bugs in the Defect Sheet, describing the bug, reproduced steps, Logged the bug severity and priority.

## PROJECTS

### POMODORO TIMER APP Vite | Tailwind CSS | SQL

- Crafted a dynamic Pomodoro Timer Application using Vite for a seamless and fast development experience. The app incorporates SQL for efficient data storage, allowing users to customize their work and break intervals

### GROUP CHAT React Native | FireBase

- Developed a Group Chat Application with user authentication, enabling multiple users to log in using their Google accounts and engage in real-time conversations.

### LIBRARY MANAGEMENT SYSTEM Python | Flask | HTML | SQL | Bootstrap

- Engineered a comprehensive Library Management System featuring an admin interface for efficient book tracking, including loan management with details on borrowers and lending periods.

### E-COMMERCE WEBSITE HTML | CSS | Bootstrap | Javascript | SQL

- Designed and implemented an online E-Commerce platform, facilitating user-friendly product browsing and purchasing directly from the homepage.

### FOOD ORDER TRACKING SYSTEM Django | HTML | Tailwind CSS | SQLite3 | Google Maps API

- Created a responsive Food Order Tracking System using Django, Tailwind CSS, and Google Maps API for real-time tracking, optimizing user experience and delivery efficiency.

## CERTIFICATIONS

### CS50'S WEB PROGRAMMING WITH PYTHON AND JAVASCRIPT

Harvard University

### CS50'S INTRODUCTION TO DATABASES WITH SQL

Harvard University

### CS50'S INTRODUCTION TO PROGRAMMING USING PYTHON

Harvard University

### PYTHON CERTIFICATION COURSE

Kaggle