

PRUTHVIRAJ POWAR

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EDUCATION

D. Y. Patil College of Engineering, Akurdi, Pune

Nov 2021 – June 2025

Bachelors of Engineering in Computer Engineering - CGPA - 8.04

Pune, India

Balwantrao Yadav College Of Science

June 2020 – July 2021

Exam Name - Course Name - Percentage - 86.17%

Kolhapur, India

TECHNICAL SKILLS

Languages: Java, Python, Dart, SQL, HTML, CSS, JavaScript, TypeScript.

Developer Tools: Git, GitHub, Firebase, Android Studio, IntelliJ IDEA, Postman, VS Code.

Technologies/Frameworks: ReactJS, NodeJS, ExpressJS, Flutter, Spring Boot, REST APIs, Bootstrap.

Databases: MySQL, PostgreSQL, MongoDB, Firebase Realtime Database.

PROJECTS

Identification Of Traffic Signal

Feb 2024

- Developed a deep learning system to help autonomous vehicles recognize traffic signs, trained on 50,000+ labeled images across 43 distinct traffic sign categories.
- Analyzed and optimized a Traffic Sign Recognition System using CNN with TensorFlow and Keras, achieving 95.66% accuracy through advanced image classification, data preprocessing, and augmentation.
- Implemented real-time inference and evaluated performance using precision, recall, and accuracy metrics to enhance reliability for autonomous vehicles.

Expense Tracker Application

July 2024

- Created a cross-platform mobile app using Flutter and Firebase to simplify expense tracking for personal and group finances while ensuring an intuitive user experience.
- Integrated Firebase Authentication for secure multi-platform sign-ins and seamless account management.
- Utilized Cloud Firestore for real-time data synchronization, reducing app response time by 30% to enhance performance.

Inventory Management System

March 2024

- Built a robust MERN stack solution to streamline inventory management for over 200 stock items and 50 suppliers with a focus on scalability and performance.
- Implemented real-time stock tracking and automated reporting tools to enhance inventory visibility and streamline decision-making.
- Optimized backend workflows and database design with MongoDB, improving order processing efficiency by 25%, and designed a user-friendly interface using React.js for an enhanced user experience.

INTERNSHIP

QSpiders

Feb 2023 – Present

Training on Java Full Stack Development

- Currently undergoing training at QSpiders in Java Full Stack Development, gaining hands-on experience in backend development with Spring Boot and frontend technologies.

CERTIFICATIONS & ACHIEVEMENTS

- Certified in Android Development:** Completed an intensive 60+ hour certification program, mastering UI design principles and implementing SQLite database integration across five practical projects to enhance application performance and user experience.
- Algorithmic Proficiency:** Solved 150+ problems on LeetCode, focusing on algorithms, data structures, and optimizing code for real-world applications.
- BGMI Tournament Winner & Cricket Tournament Runner-Up:** Demonstrated leadership, teamwork, and strategic thinking to secure 1st place in a BGMI tournament and 2nd place in a college cricket tournament.