

MadhuraPetare

madhurapetare4705@gmail.com | 8767273722 |

Pune LinkedIn | LeetCode | CodeChef | GitHub

Education

BHARATI VIDYAPEETH COLLEGE OF ENGINEERING
Information Technology Bachelor of Technology
CGPA: 8.9

Pune, India
2023-07-01 - 2027-06-30

MAULI JR. COLLEGE OF SCIENCE PCM 12th
Grade
Percentage: 72%

Akola, MH, India
2022-07-01 - 2023-06-30

Skills

Programming Languages: Java, Data structure and Algorithms, C++, JavaScript, JSON
Libraries/Frameworks: React, Next.js, React Native, Node.js, Express
Tools / Platforms: VS code, Git, Leetcode, Eclipse IDE, Oracle, Redux, REST APIs, android studio, ios, Postman
Databases: SQL, DBMS, MongoDB, SQLite

Projects / Open-Source

FLIGHT BOOKING APP Java, Android Studio, SQLite, XML layouts, UI UX design, API Integration
Developed a mobile application that enables users to search, compare, and book domestic and international flight tickets.
The app includes secure login/signup, search filters based on destination, date, and price, and displays real-time flight availability.
Implemented a smooth UI using XML layouts and RecyclerView for dynamic flight listings. Integrated SQLite database for storing user profiles and booking history.
The application demonstrates complete end-to-end functionality of a basic airline ticketing system.

Subscription Management API Node.js, Express, MongoDB
Developed secure REST APIs with JWT authentication, bcrypt password hashing, and middleware for protected routes.
Implemented automated subscription renewals, status updates, and support for multiple currencies.
Set up email reminders and background jobs using Upstash to improve user engagement.

Certifications

Python for data science - Udemy
Data Analyst - SimpliLearn Skill Up

Honors & Awards

GDSC Cell and ITSA Core Member - Contributed to entrepreneurship initiatives and department-level events.
Participated in annual fest and stage performances in college.