Omkar Ankush Gaikwad

Maharashtra, India   gaikwadoa554@gmail.com   +91-7756096222

github.com/omkarg04   linkedin.com/in/omkar-gaikwad-77b550251   **Leetcode:** omkar0408

EDUCATION

VIT Bhopal University   Aug 2022 – May 2026
B.Tech. Computer Science & Technology (Core)   *CGPA: 8.31*

TECHNICAL SKILLS

Programming Languages: Python, C++, JavaScript, Java, HTML, CSS, MATLAB
Frameworks & Libraries: React.js, React Native, Flask, Django, Node.js, Express.js, Redux Toolkit, Bootstrap, TailwindCSS, Framer Motion, Axios, Mongoose, Bcrypt.js, Chart.js, Recharts
Databases & Tools: MySQL (Dockerized), MongoDB, Git, Docker
Cloud & Deployment: AWS PartyRock, Render, Vercel

PROJECTS

React Native Ecommerce App | *React Native, Redux Toolkit, Node.js, Express, MongoDB, JWT, Chart.js*   2025
- Engineered a cross-platform Ecommerce App with secure login, product, cart, and order management, serving 200+ test users during deployment trials.
- Designed and implemented an Admin Panel to oversee 1000+ products and 500+ simulated orders, enhancing backend efficiency by 30%.
- Integrated payment gateway API ensuring 100% successful checkout during pilot runs; optimized state management with Redux Toolkit, reducing API latency by 18%.

Uplift AI Companion | *Flask, React, MySQL (Dockerized), AWS PartyRock, Render, Vercel, Docker*   2025
- Architected a chatbot platform enabling 500+ active sessions with secure authentication and session tracking.
- Orchestrated AWS PartyRock integration with backend logging, generating analytics on daily usage across 100+ unique users.
- Deployed Flask APIs on Render and React frontend on Vercel, achieving 99.9% uptime on free-tier services.
- Containerized MySQL database with Docker, improving portability and reducing setup time by 70%.

Live Stress Monitoring System | *React.js, Django, MongoDB, IoT Sensors, ML Integration*   2024
- Directed a team of 4 in creating a real-time health monitoring system, integrating IoT sensors with ML models for stress prediction.
- Built dashboards for live health insights, empowering users to track SpO_2, heart rate, and temperature with 90% accuracy.
- Implemented real-time alerts for abnormal readings, reducing detection delay by 60%.

Classmates – Social Networking Website | *React.js, Node.js, Express, MongoDB, Socket.io*   2024
- Launched a social networking platform reconnecting 300+ students with former classmates during testing phase.
- Devised features for user profiles, friend requests, and instant messaging with Socket.io, ensuring ¡200ms response time.
- Implemented a recommendation system boosting connection acceptance rate by 40%.

CERTIFICATIONS

- Beginning C++ Programming - From Beginner to Beyond – Udemy

ACHIEVEMENTS

- Awarded **Next Gen Tech Booster Scholarship (2024)** – Selected among top 1% globally for Udacity's AI Programming with Python Nanodegree, fully sponsored by Bertelsmann.

- Solved **350+ LeetCode problems**, consistently ranking in the top 15% of global competitors on algorithmic challenges.

ADDITIONAL INFORMATION

- Languages: English, Hindi, Marathi