Omkar Mohan Jadhav

Software Engineer

jadhavoj2023@gmail.com | +91 7767827080 | Rohan Anantha,Tathawade , Pune

GitHub | LeetCode | Portfolio | Linkedin

EDUCATION

SAVITRIBAI PHULE UNIVERSITY   Nov 2022 - May 2026
Information Technology b.tech   Pune, India
CGPA: 9.79

EXPERIENCE

GEEKS FOR GEEKS | Tech Lead   Pune, India | Nov 2023 – Present

Conducted sessions on competitive programming with a focus on optimizing code performance.
Conducted sessions on data structures, algorithms, and foundational compiler concepts.
Organized coding competitions, increasing participation by 30% and enhancing problem-solving culture.

SPIR (TRAINING AND PLACEMENT CELL) | Coordinator   Pune, India | Nov 2023 – Present

Organized placement drives and managed student applications, ensuring a smooth and efficient process for all
stakeholders.
Coordinated the interview process, providing logistical support and preparation resources to students.
Collaborated with industry professionals to secure internships and job placements for students.

SKILLS

Programming Languages	C++, Python, Javascript, C
Libraries/Frameworks	Next JS, React JS, Django, FastAPI, Docker, Express, Node JS
Tools / Platforms	Git, Github, VsCode, Vim, Linux
Databases	SQL, MongoDB

PROJECTS / OPEN-SOURCE

SMART AI NOTES | Link   TypeScript, Next JS, Gen AI

- Developed a solution for the challenge of real-time math and graphical problem-solving .
- Built a seamless Next.js application for instant solutions to algebra, calculus, and geometry questions.
- Integrated MathJax for clear, LaTeX-style rendering of mathematical expressions.
- Promoted the project on LinkedIn with a live demo and YouTube video for increased visibility.

MEETUP   Javascript, Socket.io, WebRTC

- Developed a video calling app to facilitate real-time communication and meeting scheduling.
- Integrated functionality for scheduling meetings and sending notifications to users for upcoming calls.
- Designed an intuitive user interface using React, allowing users to easily initiate and manage calls and view scheduled meeting
- Utilized the MediaDevices to capture audio and video, providing seamless access to user media devices.

OLANG   C++, Git, Unix Shell, VS Code

Developed a new programming language (OLang) with a custom compiler.
Designed a context-free grammar and implemented a Turing machine simulation.

Focused on compiler optimizations and efficient code generation techniques

BLOCKCHAINBASED CHATAPP | Link   HTML, EJS, JavaScript, CSS

- Developed a blockchain-based chat app to enhance privacy and security in online communication through decentralized technology.
- Implemented blockchain technology to ensure secure message storage and user authentication, eliminating central server vulnerabilities.
- Utilized smart contracts for user interactions, enabling features like automated message delivery and access control.

CERTIFICATIONS

- Docker, Inc - Docker Foundations Professional Certificate - Docker
- JavaScript Foundations Professional Certificate by Mozilla - Mozilla
- Six Sigma Yellow Belt - SCRUMstudy - Accreditation Body for Scrum and Agile
- Career Essentials in GitHub Professional Certificate - Github
- Getting Started with MongoDB Atlas - MongoDB
- Google Cloud Computing Foundations - Google

HONORS & AWARDS

- Won Gen AI Hackathon.
- Won Smart Innovation Hackathon.
- Won competitive programming contest.