JAYANT KUREKAR

GitHub LeetCode LinkedIn jayantkurekar1@gmail.com 8767629570 Portfolio

SUMMARY

Creative and self-driven developer with a foundation in Java, React, and AI/ML technologies. Successfully built and deployed real-world projects like a Web3 remittance app & more. Backed by hands-on internships with Microsoft and IBM, I bring strong problem-solving skills, curiosity, and a builder's mindset to every project.

EXPERIENCE

Software Development Intern, *Prodigy Infotech*   04/2025 – 04/2025
- Built **5 Java-based projects** from scratch.   Remote
- Improved app **performance by 30%** through optimized logic, clean architecture & debugging.
- Gained hands-on experience across **full SDLC**, from **planning to deployment.**

AI & Cloud Internship Trainee, *Edunet with Microsoft*   04/2025 – 05/2025
- Deployed a **real-world AI project** using **Azure AI, OpenAI API**, and **scikit-learn**.   Remote
- Applied **ML, DL & GenAI** concepts under mentorship from Microsoft professionals.
- Certified by **AICTE** for hands-on cloud and AI proficiency.

EDUCATION

Full-time B.Tech in Mechanical Engineering and Minor in Computer Science,   08/2023 – Present
G H Raisoni College of Engineering, Nagpur   Nagpur, India
CGPA: 7.63

Full-time Pre-University (XII), *S P Junior College, Narkhed*   07/2020 – 03/2022
Percentage: 77%   Narkhed, India

SKILLS

Programming Languages
Java, JavaScript, Node.js, C, Python, HTML, CSS

Libraries/Frameworks
React.js, Express.js, OpenAI API, Web3.js

Databases & Tools
MongoDB, PostgreSQL, Firebase, Supabase

CS Fundamentals
Data Structures & Algorithms, OOPs, Operating Systems, DBMS

Blockchain Tools & Tech
Solidity, Ethereum, Smart Contracts, MetaMask, Stablecoins

AI/ML Tools & Platforms:
Azure AI, Scikit-learn, OpenAI API, Hugging Face, LangChain

PROJECTS / OPEN-SOURCE

BridgePay Web3 Remittance Platform
- Enabled **borderless payments** via smart contracts on **Ethereum,** cutting middlemen.
- Built secure, low-cost crypto transfers with **Web3.js** and **MetaMask** integration.

VibeSync AI-Powered Emotional Assistant
- Built chatbot for **emotion analysis** and **mental health insights** via **TogetherAI APIs**.
- Integrated **NLP models** for real-time, accurate responses.

Aarogyam : Student Healthcare Management System
- Created a real-time **medical record platform** for institutions with **secure storage**.
- Implemented role-based access and tracking for **student healthcare workflows**.

CERTIFICATIONS

- Healthcare Management System Hackathon FLUXUS - IIT Indore
- Central India Hackathon 2.0
- SDE Internship at Prodigy InfoTech
- C Programming - The Digital Adda
- Ecothon 4.0 - Sipna college
- Code Of Phoenix - IIIT Naya Raipur
- Hack On - GDG on Campus GCOEN
- GfG 160 - 160 Days of Problem Solving
- Web Development - The Digital Adda
- National Level TECH-KRUTI 2K25