

Sanket Nabade

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SKILLS

Programming Languages: – Python, C++, JavaScript, TypeScript, SQL

Framework/Libraries: – React.js, Next.js, Node.js, Express.js, MongoDB, JWT, bcryptJs

Developer Tools: – Git, Docker, Postman, Tableau, AWS, Cloudinary, Multer

Coursework: – Data Structures and Algorithms, Operating Systems, Object Oriented Programming
Database Management System

PROJECTS

StreamCore

Backend – Node.js, Express.js, MongoDB, JWT, Docker, AWS

- Developed REST APIs for video streaming using Node.js and MongoDB, secured with JWT-based user authentication.
- Integrated AWS S3 and Lambda with FFmpeg to handle scalable video storage, processing, and delivery.
- Achieved 99.9% uptime using Docker containerization and efficient AWS service orchestration.

Customized Virtual File System

Command-line application – C++, File System Management, Data Structures, Memory Management

- This project implements a virtual file system that mimics basic file operations like create, read, write, delete, and list files.
- It uses a custom inode-based structure to manage files and their metadata, including permissions, size, and reference counts.
- It includes a user-friendly command-line interface with a help system (man and help commands) to guide users through available operations.

DevDock

Deployment Platform – Node.js, Docker, AWS ECS, S3, Socket.io

- Engineered an automated deployment tool using GitHub webhooks, Docker, and AWS ECS for seamless hosting.
- Managed reverse proxy setup and integrated real-time build feedback via Socket.io.
- Hosted static assets with S3, ensuring 99.9% uptime and reduced deployment friction.

EDUCATION

Vishwakarma Institute of Information Technology

Expected: June 2026

Bachelor of Technology in Artificial Intelligence and Data Science

Pune, India

- **CGPA: 8.31/10.**

EXTRA-CURRICULAR ACTIVITIES

General Secretary | Entrepreneurship Development Cell, VIIT | Sep 2024 – Present

- Led over 10 entrepreneurial initiatives, fostering connections between 5,000+ students and key figures in the startup ecosystem.
- Established and managed relationships with 15+ startups and corporate partners to significantly enhance student exposure to practical entrepreneurship.

ACHIEVEMENTS AND CERTIFICATIONS

- Solved more than 500 questions across CodeChef, LeetCode, and GeeksforGeeks.
- CodeChef Certified Python Developer.
- Completed The Web Developer Bootcamp 2024 on Udemy.