Sidhik Thorat
Software Developer

sidhikthoratjob08@gmail.com | +91 8855995319 | LinkedIn   GitHub   LeetCode

EDUCATION

Vivekanand Education Society's Institute of Technology, Mumbai   **Aug 2023 – Aug 2026**
B.E. in Electronics and Computer Science   CGPA: 7.8

Institute of Petrochemical Engineering, Lonere   **Jul 2020 – Jul 2023**
Diploma in Computer Engineering   CGPA: 8.39

Samarth Ramdas Vidyalaya, Mahad   **Mar 2020**
SSC   Percentage: 89.80%

EXPERIENCE

Developer, Kopran Pvt Ltd, Mahad   **(Apr 2023 – Jul 2023)**
- Engineered a real-time face recognition system using OpenCV and dlib for automated attendance across 10+ users with 95% accuracy.
- Preprocessed over 1,000 facial images using NumPy, improving recognition speed by 40%.
- Designed a scalable Node.js backend and designed a MongoDB schema to store over 5,000 attendance records.
- Generated daily and monthly attendance reports using Pandas, enabling CSV export for 100+ sessions.

PROJECTS

Student Projects Management System   **(HTML, CSS, JavaScript, PHP, MySQL, Socket.IO)**
- Created a role-based system for 3 user types (Admin, Faculty, Students) managing 10+ users.
- Integrated CRUD operations for 20+ projects and 10+ users with efficient MySQL querying.
- Enabled real-time faculty-student communication via Socket.IO chat and email APIs.
- Architectured responsive UI with HTML, CSS, and JS ensuring 100% mobile compatibility.

Intelligent Framework for E-Recruitment of Translators   **(MERN Stack, Cosine Similarity, Auth0, Razorpay)**
- Created a scalable MERN-based platform to streamline the recruitment of 100+ freelance translators across multiple languages.
- Secured user access and onboarding with Auth0 authentication and integrated Razorpay for seamless payment processing.
- Engineered a hybrid recommendation system using Cosine Similarity to suggest best-fit translators based on user requirements.
- Designed a responsive, high-performance web app with optimized routing, load times, and mobile support.

PrakritiMitra   **(MERN Stack, Socket.io, JWT, Router and Groq APIs)**
- Built a full-stack platform for NGOs to manage environmental events with JWT-based role access and real-time messaging.
- Integrated Router and Groq APIs for AI-driven report generation, chatbot replies, and social content, reducing admin effort by 60%.
- Introduced QR-based attendance, automated certificate generation for 10+ participants, and live location tracking via Google Maps.
- Empowered Google Calendar integration with .ics support, sponsorship modules, and dashboards tracking 10+ volunteer impact metrics.

SKILLS

Languages   C, Java, Python, JavaScript, SQL
Web Tech   HTML, CSS, PHP, Node.js, Express, React, MongoDB, Tailwind, Bootstrap
Tools   Pandas, NumPy, OpenCV, dlib, AWS (EC2, S3 basics), Git, VS Code, Postman, Razorpay, Hoppscotch, Auth0, Cloudinary
Concepts   OOPS, REST APIs, JWT, DBMS
Soft Skills   Team Collaboration, Communication, Time Management, Problem Solving, Quick Learning

CERTIFICATIONS

- **HackerRank – Software Engineer**
- **Forage – GenAI Powered Data Analytics Job Simulation**
- **HackerRank – Java (Basic)**
- **MathWorks – MATLAB Onramp**