Omkar Mahesh

+91 7019936868 | omkarmahesh12345@gmail.com | linkedin.com/in/omkar-mahesh | github.com/omkarmm19 | Portfolio

SUMMARY

Mastering the synergy between code, cloud, and automation. With a core of elite DSA expertise, I deliver end-to-end excellence in Full-Stack development (MERN & Next.js), implement resilient Cloud-native systems, and drive efficiency through advanced DevOps pipelines. My goal is to deliver not just features, but a competitive advantage.

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, TypeScript, SQL, HTML, CSS

Cloud & DevOps: AWS, Google Cloud, Linux, Docker, CI/CD, Terraform, Ansible, Grafana, Scrum

Frontend & Backend: React.js, Next.js, Tailwind CSS, Node.js, Express.js, MongoDB, REST APIs

Data Structures & Algorithms: Proficient in Java, Advanced Problem Solving, Algorithmic Analysis, OOPS

Developer & AI Tools: Git, GitHub, Postman API, VSCode, Firebase, Figma, OpenAI API, LLMs, GenAI, RAG

EXPERIENCE

Web Development Intern   May 2025 – June 2025
Coding Samurai   *Remote*
- Developed and deployed a full-stack, cloud-native application using Next.js and a serverless Firebase backend to enhance scalability and real-time features.
- Integrated third-party AI/voice APIs to deliver intelligent functionality and managed the end-to-end deployment lifecycle on the Firebase platform.

PROJECTS

Place Prep - AI-Powered Voice Interview Platform   April 2025 – June 2025
Full-Stack AI Application   *Next.js, OpenAI API, Deepgram API*
- Built a full-stack AI simulator for realistic voice interviews with instant, AI-driven performance feedback.
- Integrated OpenAI and Deepgram APIs to enable dynamic question generation and high-accuracy speech-to-text.

Serverless Music Player   Jan 2025 – Mar 2025
Cloud Project   *AWS S3, AWS CloudFront, JavaScript*
- Deployed a serverless music player using AWS S3 and CloudFront for a seamless, secure streaming experience.
- Implemented an intuitive frontend with HTML/CSS/JavaScript, leveraging CloudFront's SSL/TLS to secure data transmission.

NewsVITaa - Centralized College Event Management System   Aug 2024 – Dec 2024
Full-Stack Web Application   *React.js, Firebase, JavaScript*
- Deployed a scalable, serverless backend using Firebase, leveraging Cloud Firestore for live data sync and Authentication for security.
- Engineered a responsive React.js UI to streamline event discovery, boosting student engagement across campus.

EDUCATION

VIT Bhopal University   Bhopal, Madhya Pradesh
Bachelor of Technology in Computer Science (Cloud Computing & Automation) (CGPA - 8.38)   *Sept 2023 – Ongoing*

CERTIFICATIONS

- IBM: DevOps, Agile & Design
- IBM: DevOps Fundamentals
- Microsoft: Azure Data Fundamentals DP900.
- Google: Gen AI Academy
- Postman: API Fundamentals
- Tata: Data Visualization

ACHIEVEMENTS

- Completed 100-day LeetCode DSA Coding Challenge in Java.
- Secured 1st Rank in the Google Gen AI Exchange Program 2025.
- Contributed to multiple open-source projects during GSSOC 2024 and Hacktoberfest.