

Sidhant Malik

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| [GitHub/sidhant2094](https://github.com/sidhant2094) | [LeetCode/sidhantmalik20](https://leetcode.com/sidhantmalik20) | [Portfolio/sidhantmalik.me](https://portfolio.sidhantmalik.me)

SKILLS

Languages: C++, Python, JavaScript, SQL

Frontend and Backend: HTML, CSS, React, Node.js, Express.js, REST APIs

Databases & Tools: MongoDB, PostgreSQL, Git, GitHub, Docker

Core Concepts: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks

EXPERIENCE

Software Development Intern — [Mahindra Comviva](#), Gurugram Jun 2026 – Present

- Developing a Dockerized microservices-based proactive incident monitoring platform using Python, Flask, and Docker Compose to detect service failures in distributed telecom systems.
- Building REST APIs, implementing health monitoring, runtime metrics, structured logging, and inter-service communication to simulate production-grade backend infrastructure.
- Designing scalable backend components for automated incident detection and remediation workflows.

Software Development Intern — [Ericsson](#), Noida Jun 2025 – Jul 2025

- Contributed to backend services for a digital payments platform by working on API development and service-layer logic.
- Improved API response performance by identifying bottlenecks and optimizing request handling.
- Gained hands-on experience with containerized environments using Docker and CI/CD workflows.

PROJECTS

IntelliDoc — AI-Powered PDF Structure & Relevance Extractor [\[Link\]](#)

- Built a two-stage PDF processing pipeline in Python to reconstruct document hierarchy using layout-aware heuristics and font metadata.
- Implemented semantic ranking of document sections using NLP techniques to extract persona-relevant content.
- Designed the system for fully offline execution and containerized it with Docker for portability and reproducibility.

Proactive Incident Monitor – Distributed Monitoring Platform [\[Link\]](#)

- Built a Dockerized microservices-based monitoring platform with OAM, BAC, and Monitoring Engine services to proactively detect failures in distributed telecom systems.
- Developed REST APIs, health checks, runtime metrics, structured logging, and inter-service communication using Flask and Docker networking.
- Designed a modular architecture supporting continuous service monitoring, scalable backend components, and future incident management workflows.

Finance Data Processing Backend [\[Link\]](#)

- Built a role-based backend system using Node.js, Express, MongoDB, and JWT authentication for secure financial data management.
- Implemented JWT-based authentication and authorization supporting multiple user roles (viewer, analyst, admin).
- Developed REST APIs for CRUD operations and filtering of financial data, along with aggregation-based endpoints for dashboard insights.

EDUCATION

Maharaja Agrasen Institute of Technology (MAIT), GGSIPU — Delhi Expected Jul 2027

B.Tech, Electronics and Communication Engineering | GPA: 7.4/10

Senior Executive, Computer Society of India Innowave – Technocultural Society of MAIT

Apeejay School, Panchsheel Park (CBSE) May 2023

Class 12: 83% | Class 10: 94.8%

ACHIEVEMENTS

AWS PartyRock Hackathon 2025, Delhi — 2nd Place

- Developed [EcoSync](#), a smart energy management system with real-time monitoring and automated controls.

Adobe India Hackathon 2025 — National Finalist

- Built an intelligent PDF reader with offline capability and structured document insights.