SIDDHESH NANDURKAR

SOFTWARE ENGINEER

✉ sid@siddhesh.me   🌐 Portfolio   in LinkedIn   ○ GitHub   </> LeetCode Profile

Professional Experience

SOFTWARE ENGINEER — Intelimek Systems, Pune   **Aug 2023 – Present**

- Worked as a Full-Stack Developer, managing both architectural and development responsibilities.
- Collaborated closely with stakeholders to understand business requirements, translating them into scalable and effective technical solutions.
- **Designed and architected** a computer vision-based product to optimize performance and efficient communication across both monolithic and microservice architectures, achieving a **40% reduction in processing time**.
- **Designed and architected** a desktop application leveraging **Generative AI with Retrieval-Augmented Generation (RAG)** techniques to deliver efficient and context-aware responses for business use cases.
- Created and deployed cloud-native applications, alongside desktop applications, tailored to specific business needs.
- Built and integrated internal tools to streamline workflows, including debugging, testing, and deployment pipelines, resulting in a **60%** improvement in development efficiency and faster delivery cycles..
- **Technology Stack - Python, TypeScript, React, Flask, NodeJS, RabbitMQ, Docker, Linux, Git**.

FULL-STACK DEVELOPER — Aim Technologies, Amravati   **Aug 2020 – Mar 2022**

- Worked as a Full-Stack Developer on 8+ projects, across diverse domains.
- Gained extensive experience in developing **frontend and backend** systems using Python/Flask, ReactJS, and NodeJS.
- Developed 3 Android applications using **React Native**.
- Created a web-based platform for IoT applications, enabling real-time monitoring and control of embedded devices.
- Deployed and maintained 10 + applications on the AWS cloud, achieving **99% uptime** and reducing operational costs by **20%** through efficient resource allocation.
- **Technology Stack - Python, C++, JavaScript, Flask, ReactJS, React Native, AWS, Linux, Git**.

Skills

Languages: Python, C/C++, TypeScript, NodeJS.

Technical Skills: Data Structures and Algorithms, API Design and Development, Microservices
Object Oriented Programming, Operating Systems, Database Management Systems, REST APIs,
Bash / Shell Scripting, Linux/Unix, Git, TCP/IP, Agile Software Development, Distributed Systems, CI/CD.

Frontend: React JS, Angular, Tailwind CSS, Material UI, React Native.

Database: MySQL, MongoDB, Redis.

Projects

ThingESP - A Web-Based WhatsApp Automation Platform   https://thingesp.com

- **ThingESP**, a platform that enables users to automate and control IoT devices via WhatsApp.
- Users can integrate their devices using simple APIs or client libraries, with support currently available for **Raspberry Pi** and **Espressif boards** (ESP32, ESP8266).
- It is a **live project** and has established a user base of **8000+** users worldwide. showcasing the platform's reliability and widespread adoption.
- Designed and deployed a **scalable, production-grade** application on the **AWS cloud**, ensuring high availability and performance.
- Technology Stack: **Microservices**, **Node.js**, **MongoDB**, **React.js**, **MQTT Protocol**, and **Docker**.

Education

B.E in INFORMATION TECHNOLOGY   **2019 - 2023**
Sant Gadge Baba Amravati University   *CGPA: 8.93*

Awards & Extra Curricular

- **Winner** - Aaviskar 2019 (University Level Hackathon)
- **Winner** - Vidyotan 2019 (National Level Hackathon)
- **Runner Up** - Ecothon 2022 (National Level Hackathon)
- **Runner Up** - Aaviskar 2022 (District Level Hackathon)
- Organized and Conducted IoT Workshop for Students
- Organized Covid Awareness Program with 100,000 + Participants