

SIDDHESH NANDURKAR

SOFTWARE ENGINEER

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Professional Experience

SENIOR SOFTWARE ENGINEER — Intelimek Systems, Pune

AUG 2023 – Present

- Worked as a Full-Stack Developer, managing both architectural and development responsibilities.
- **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**.
- Developed and maintained backend and frontend systems for various projects.
- Created and deployed cloud-native applications, alongside few desktop applications.
- Built 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, JavaScript, React JS, Flask, Node JS, REST API, RabbitMQ, Azure, Docker, Linux, Git, CI/CD.**

Skills

Languages: Python, JavaScript, TypeScript, GoLang, C/C++, 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.

Backend: Flask, ExpressJS, FastAPI.

Database: SQL, MongoDB, Redis.

DevOps: AWS, Azure, Docker, Linux, CI/CD Pipelines.

Projects

ThingESP - A Web-Based WhatsApp Automation Platform

<https://thingsp.com>

- **ThingESP**, a platform that enables users to automate and control IoT devices via WhatsApp.
- It is a **live/production application** and has established a user base of **8000+** users worldwide.
- Users can integrate their devices using simple APIs or client libraries, with support currently available for **Raspberry Pi** and **Espressif boards** (ESP32, ESP8266).
- Designed and deployed this **scalable** application on the **AWS cloud**, ensuring high availability and performance.
- Technology Stack: **Microservices, NodeJS, Express JS, Mongo DB, React, 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)
- **Selected** - Smart India Hackathon (SIH) 2022 (National Level Hackathon)
- Organized and Conducted IoT Workshop for Students
- Organized a Online Awareness Program with 100,000 + Participants