

SIDDHESH NANDURKAR

SOFTWARE ENGINEER

✉ sid@siddhesh.me 🌐 <https://siddhesh.me> (portfolio) [in LinkedIn](#) [GitHub](#)

Bio

Full-Stack Engineer with **~ 2 years of experience** in designing, developing, and deploying scalable applications. Proficient in full-stack development, cloud-native architecture, and modern web applications.

Profile Summary

- Full-Stack Engineer with ~ 2 years of professional experience and ~ 3.5 years of freelance experience.
- Proven expertise in architecting and developing web apps with microservices and cloud-native architectures.
- Built scalable, multi-tenant applications and optimized systems for performance and cost.
- Experience with cloud infrastructure (AWS, Azure), containerization (Docker, Kubernetes), and CI/CD pipelines.
- Strong focus on system reliability, deployment workflows, clean API design and modern software design patterns.

Core Competencies

- **System Architecture and Design** - Monoliths, Microservices, Multi-tenant systems, Design patterns.
- **Backend Development** - REST APIs, Event-driven systems, Asynchronous processing.
- **Frontend Development** - React, Angular, React Native, Tailwind, Modern frontend toolchains.
- **DevOps & Cloud** - AWS, Azure, CI/CD, Docker, Kubernetes, Apache Kafka, Load Balancing, Monitoring, DNS.

Technical Skills

- **Languages:** Python, JavaScript, TypeScript, Go Lang.
- **Backend:** Flask, FastAPI, NodeJS, ExpressJS.
- **Frontend:** ReactJS, React Native, Tailwind CSS, Bootstrap, Material UI.
- **Databases:** PostgreSQL, MongoDB, MySQL, Redis.
- **DevOps & Cloud:** AWS, Azure, Docker, Kubernetes, Nginx, CI/CD, Jenkins.
- **Other Tools/Concepts:** Git, Linux, REST APIs, JWT, RabbitMQ, DNS, Load Balancing, OOP, Shell Scripting.

Experience

Software Engineer — Intelimek Systems, Pune

Aug 2023 – Present

- Working as a full-stack developer, contributing to system design and delivery of applications.
- 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 multiple projects.
- Created and deployed cloud-native applications on Microsoft Azure.
- Worked in Agile/Scrum-based teams, following CI/CD best practices.
- 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, Flask, React JS, Node JS, REST API, RabbitMQ, Azure, Docker, Linux, Git, CI/CD.

Freelance Software Developer — Aim Technologies, Amravati

Oct 2019 – Jul 2023

- Gained hands-on experience in developing frontend and backend systems using Python/Flask, React JS, and Node JS.
- Integrated IoT and computer-vision based solutions with web dashboards for real-time interactions.
- Deployed web applications on the AWS cloud.
- Built android applications using React Native.
- **Technology Stack** - Python, C++, JavaScript, Flask, ReactJS, React Native, Java, AWS, Linux, Git.

Projects

ThingESP - A WhatsApp Automation Platform

<https://thingesp.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 **~ 10K** 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.
- **Skills Applied: Microservices, NodeJS, Express JS, Mongo DB, React, MQTT Protocol, and Docker.**

Medor Club – The Healthcare Platform (User App | Doctor App)

<https://medor.club>

- Medor is a digital healthcare platform that connects patients with doctors for consultations.
- Developed cross-platform apps for users and doctors and published them on Google Play Store.
- Designed the entire architecture for authentication, subscriptions, and doctor-patient workflows.
- Integrated **Razorpay** to enable secure payments for subscription-based services.
- Deployed web and backend infrastructure on **AWS Cloud** with **S3 for media storage**.
- **Skills Applied: MERN Stack, React Native, AWS Cloud, and Docker.**

PUC Vendor Management Platform

<https://puc.siddhesh.me>

- A platform built for PUC vendors to manage clients and send automated reminders of PUC expiry to vehicle owners via SMS and WhatsApp.
- Implemented core features including client database management, reminder scheduling, and messaging integration.
- Developed as a major final year project, with a detailed project report covering the system architecture and implementation.
- **Skills Applied: MERN Stack, Microservices, WhatsApp Business API, and Docker.**

Accishield – An Android Application for Road Accident Rescue

[Accishield GitHub Repo](#)

- Accishield is an Android app developed for road accident rescue, consisting of two apps: a user app for detecting accidents and a responder app for ambulance drivers.
- The user app sends notifications to nearby ambulance operators and shares real-time locations using GPS API and web sockets. Then the responder app can view the emergency location.
- **Skills Applied: React Native, Node.js, and MongoDB**

Education

B.E in INFORMATION TECHNOLOGY

2019 - 2023

Sant Gadge Baba Amravati University

CGPA: 8.93

Awards & Extra Curricular

- **Winner/Runner-up** at 4+ National & University Hackathons (2019–2022)
- **Selected** - Smart India Hackathon (SIH) 2022 (National Level)
- **Organized** various technical workshops and events.
- **Core Team Member** - College Gathering (Umang 2023) - Contributed to organizing cultural events and also developed the official event website.
- **Designed and developed** the college tech fest (2019) website for event information and participant registration.
- **Organized** - an online awareness program with 100,000 + participants.