

# Siddharth Soni

## Software Development Engineer (SDE-1)

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🐙 <https://github.com/siddharthsonii> 🌐 siddharthsonii.vercel.app

### PROFILE

**Software Developer** with 3+ years of experience in building **scalable software solutions**. Skilled in **full-stack development**, **RESTful APIs**, **database management**, and **microservices**. Proficient in **Node.js**, **AWS**, **Docker**, **Redis**, and **cloud deployment**. Adept at **optimising systems** and collaborating across teams for **seamless integration**.

### SKILLS

HTML, CSS, JavaScript, TypeScript, PHP, Node.js, Express.js, CodeIgniter, RESTful APIs, MySQL, PostgreSQL, MongoDB, Microservices Architecture, Git, CI/CD, Docker, Redis, Elasticsearch, Amazon Web Services (AWS), Vercel

### EDUCATION

**Bachelor of Technology (CSE)**,  
IEC College Of Engineering And Technology  
2017 – 2021 | Greater Noida, India  
Percentage: 82.2%

### PROFESSIONAL EXPERIENCE

**Software Development Engineer 1 (SDE-1)**, Kabia Travels 🌐  
Jun 2024 – present | Noida, India

- **Led end-to-end development** of a **travel booking platform**, managing everything from **frontend interfaces** to **backend infrastructure** and **deployment**.
- **Spearheaded backend services** using **Node.js**, **Express.js**, and **MongoDB**, improving **data handling**, storage efficiency, and scalability.
- **Managed CI/CD pipelines**, **production deployments**, and **domain setups**, enhancing **performance**, **high availability**, and **scalability**, while boosting system reliability with **Redis caching** and **AWS SQS/SNS** for real-time messaging.

**Software Development Engineer 1 (SDE-1)**,  
Cedcoss Technologies 🌐  
Jun 2021 – Oct 2023 | Lucknow, India

- **Built and upgraded backend systems** using **PHP**, **CodeIgniter 3**, **Node.js**, **Express.js**, and **MySQL**, improving **performance** and **data efficiency** across modules while **leading a team** of 3 developers.
- **Integrated React** for dynamic UI and scaled the **Fooddesk platform** for 10,000+ users, adding **allergen data** and **digital recipes**, with services on **AWS (EC2, S3, CloudWatch)**.
- **Improved overall system performance** by reducing **API response time by 30%** and enhancing **platform reliability** through **backend profiling**, **caching**, and **Redis integration**.

**Web Developer - Internship**, Croblaze India  
Feb 2020 – Sep 2020 | Greater Noida, India

- **Crafted responsive web pages** using **HTML5**, **CSS3**, **Bootstrap**, and **JavaScript**, enhancing **UI performance**, **cross-browser compatibility**, and **page load speed** through **clean code** and **asset optimisation**.

### CERTIFICATION

**Backend Engineering**, Airtribe 🌐  
Oct 2023 – Apr 2024

- **Certified Backend Developer** with hands-on expertise in **Node.js**, **Express.js**, **MongoDB**, **SQL**, **Docker**, **Redis**, **RESTful APIs**, and **AWS (EC2, S3, Lambda)**. Completed a **Backend Engineering Course**, applying skills through **real-world projects** to build **scalable, high-performance systems** and **microservices**.

### KEY PROJECTS

**Fooddesk – Cedcoss Technologies**, PHP, CodeIgniter 3, React.js, Node.js, MySQL, AWS (S3, Lambda, IAM), Redis, REST APIs  
Sep 2021 – Oct 2023

- **Developed and optimised** the **Fooddesk platform**, streamlining **allergen data management** and **digital recipe software** for healthcare food professionals with **dynamic UI** features built using **React**.
- **Designed a scalable system architecture** to support over **10,000 concurrent users**, ensuring **high availability**, **performance**, and **fault tolerance**.
- **Integrated** services like **AWS S3** for media storage, **Redis** for caching, and implemented secure **RESTful APIs** to ensure efficient **data flow** and **real-time access**.

**Amazon-S3 Simple Cloud Storage - Client Project**,  
Node.js, Express.js, Amazon AWS (S3) 🌐  
Mar 2024 – Apr 2024

- **Engineered** a secure and scalable **RESTful API** using **Node.js**, **Express.js**, and **Amazon S3**, enabling seamless **file upload**, **management**, and **sharing** via a cloud-based storage solution.
- **Implemented** secure **API endpoints** with **bcrypt-based authentication**, **JWT tokens**, and **role-based access control (RBAC)** for managing user permissions and file security.
- **Formulated** robust **unit tests** to validate critical **API functionalities**, ensuring **reliability**, **fault tolerance**, and **clean code architecture**.

**Real-Time Chat Application**,  
React, Node.js, Express.js, and Socket.IO 🌐  
Dec 2023 – Jan 2024

- **Devised** a **real-time chat application** using **Socket.IO**, **Node.js**, and **Express.js**, enabling seamless **multi-user communication**, **private messaging**, and **dynamic chat room creation**.
- **Optimised** efficient **real-time data exchange**, enhancing **scalability**, **low-latency communication**, and **concurrent user handling** with event-driven architecture and refined server performance.
- **Curated the frontend UI** with **React**, ensuring a responsive and intuitive user experience for seamless interaction within chat rooms.