

# Sachin Singh

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## Summary

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Experienced **Backend Developer** with 7+ years of expertise in designing, developing, and maintaining scalable APIs using **Node.js** and **NestJS**. Proven ability to lead backend architecture for live production applications across industries including e-commerce, education, healthcare, and community platforms. Skilled in **payment gateway integrations** (Stripe, ACH, Apple Pay, Cash Pay), **cron job automation**, and real-time communication features. Strong client-facing experience with effective communication and problem-solving skills. Successfully delivered high-impact projects like **Seekrz**, **Cellcast (Australia)**, **Pondir**, and platforms for Indian communities and medical services. Recognized for both technical contribution and commitment to delivery timelines.

## Skills

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Node.js, AWS, ReactJS, CI/CD

## Experience

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### Moon Technolabs | Ahemdabad

#### Sr. Node JS Developer | 07/2023 - Present

- Working as a **Backend Developer** for **Seekrz**, a live mobile application available on both **App Store and Play Store**, designed for users and store owners across multiple locations.
- Responsible for **entire backend architecture** and **API development using Node.js**, including client communication and technical discussions.
- Designed and developed a key feature where **one store can send a trade offer and another store can accept or reject it**; integrated **multiple cron jobs** to automate trade handling (e.g., auto-cancel after 48 hours if not accepted).
- Implemented various **payment integrations** including **Stripe**, **ACH direct debits**, **Apple Pay**, and **Cash Pay** to enable seamless financial transactions.
- Developed **bulk order functionality** and ensured high-performance API responses under heavy loads.
- Built backend logic to support trade-related workflows, notification systems, and user/store authentication.
- Also contributed to **Austin Indian**, a community platform to help Indians in Austin, Texas find local Indian restaurants easily – developed complete **backend APIs** to support search and filtering.
- Developed backend APIs for a **Speech Therapy Medical Application** using **NestJS**, focusing on secure patient data handling, appointment scheduling, and session management.

### ManekTech, (Ahmedabad) | Ahemdabad

#### Software Engineer (MERN) | 11/2021 - 05/2023

- Handled complete **backend development** for **Cellcast**, an Australia-based project focused on **bulk SMS communication and client engagement solutions**.
- Developed and maintained robust **APIs for sending and managing bulk SMS campaigns**, ensuring high reliability and delivery speed.
- Integrated **Stripe Payment Gateway** for handling top-ups and subscription billing, enabling smooth and secure financial transactions.
- Designed and implemented systems to manage **SMS credits, user balances, and transactional logging**, ensuring full transparency for users.
- Collaborated closely with **cross-functional teams** to ensure seamless feature development, bug resolution, and deployment.
- Actively participated in **client calls and requirement discussions** to understand business needs and provide optimal backend solutions.
- Applied innovative backend strategies to **optimize performance, reduce costs**, and enhance platform scalability.

### Crest Infosystems Pvt. Ltd | Surat

#### Software Engineer (Node Js) | 01/2021 - 10/2021

- Worked as a **Backend Developer**, solely responsible for backend architecture, API development, and client communication.
- Developed and implemented a **revenue generation strategy** through Facebook integration, similar to the Udemy model for selling online courses.

- **Built the platform from scratch** using **Node.js**, including the creation of APIs for course management, mastermind modules, and agency features.
- Designed and implemented a **comprehensive agency module** to streamline and centralize key functionalities, improving overall performance.
- Developed **secure authentication and authorization** mechanisms using **JWT**, allowing safe user access and storing session data.
- Integrated **Twilio API** for seamless SMS-based communication between the platform and its users.
- Used **Node-Cron** for automated scheduling, including activation and deactivation of membership accounts.
- Applied **MongoDB Aggregation Pipelines** to manipulate and deliver complex API responses efficiently.
- Regularly interacted with clients through **calls and meetings** to gather requirements, provide progress updates, and deliver customized solutions.
- Collaborated with business analysts and cross-functional development teams to ensure high-quality delivery aligned with client expectations.

#### **EbizzInfotech Pvt Ltd | Surat**

##### **Software Engineer (Node Js) | 01/2019 - 12/2019**

- Independently handled a project, focusing on backend development and API creation.
- Designed and developed **scalable and efficient backend APIs** to support application functionality and performance.
- Conducted detailed **analysis, data retrieval, and indexing** to support business logic and enhance user experience.
- Collaborated with business analysts, developers, and technical teams to define optimal technical specifications.
- Focused on client requirements while designing and implementing backend logic and system architecture.

#### **Dronstudy Pvt Ltd | Delhi, CA**

##### **Junior Software Engineer | 01/2018 - 12/2018**

- Worked as a **Backend Developer** using **Node.js**, responsible for building scalable and efficient APIs.
- Developed RESTful APIs to support **live class functionality**, ensuring smooth streaming and real-time communication.
- Collaborated closely with front-end developers and other IT team members to design and implement seamless system integrations.

## **Education**

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#### **bharati vidyapeeth | Pune**

##### **MCA | 07/2017**

- **Awarded for Outstanding Performance in Cricket** at the college level, demonstrating teamwork, discipline, and dedication.
- Actively participated in sports events, balancing both academics and extracurricular activities effectively.

## **Languages**

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English, Hindi