

# Parth Soni

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## Summary

**Results-driven Full Stack Software Engineer** with **3+ years of experience**, primarily focused on **backend development**, and a hybrid role combining **technical leadership (50%)** and **hands-on engineering (50%)**. Strong expertise in **Node.js, Express.js, Next.js, React.js, and MongoDB**, with a proven track record of building **scalable RESTful APIs** and **optimizing database performance**. Actively involved in **cross-functional collaboration** with QA, UI/UX, and product teams, **leading stand-ups and sprint ceremonies** while delivering high-quality code. Experienced in **Agile methodologies, SDLC**, requirement analysis, technical estimation, **performance optimization**, and reliable delivery across complex codebases.

## Technical Skills

**Languages:** Javascript, Python

**Databases & Caching:** MongoDB, SQL, Redis

**Technologies/Frameworks:** Node.js, Express.js, NestJS, React.js, Next.js, RESTful API, Docker, AWS, GitLab, JIRA, Git

**AI & Development Tools:** Generative AI, RAG (Retrieval-Augmented Generation), Prompt Engineering, AI Dev Tools, Vibe Coding

## Experience

### Solvative, Ahmedabad

November 2023 - Present

Software Developer - SDE 1

- Designed, developed, and maintained **scalable backend APIs** with a strong focus on **performance, clean architecture**, and long-term maintainability.
- Split responsibilities between **senior-level ownership (50%)** including sprint planning, daily stand-ups, scrum participation, and **hands-on development (50%)**, delivering critical features and core backend logic.
- Improved API performance by up to 50%** through advanced **MongoDB aggregation pipelines** and query optimization.
- Managed deployments across **development, staging, and production environments** with minimal downtime.
- Developed and executed **data migration scripts** to safely transform and upgrade existing data models.
- Built **prompt-driven AI agents** using the **Gemini API**, abstracting business logic into reusable agent tools to automate workflows.
- Architected **serverless workflows using AWS Lambda** for complex business processes with improved scalability.
- Integrated third-party services including **SendGrid** (email) and **Twilio** (SMS notifications).

### Actyv.AI, Bangalore

July 2023 - Nov 2023

Full Stack Developer - Associate SDE 1

- Implemented **server-side pagination and search functionalities**, optimizing data retrieval and improving application performance.
- Developed **document download feature via REST API** and built **reusable frontend components** for seamless user workflows.
- Collaborated on **API design and integration** between **NestJS backend and React frontend** across multiple product features.
- Tech: JavaScript, TypeScript, NestJS, Node.js, React.js

### Actyv.AI, Bangalore

Jan 2023 - June 2023

Full Stack Developer - Intern

- Contributed to **backend API development** and **frontend UI components**, improving performance and user experience.
- Assisted in building and testing **RESTful endpoints**, gaining hands-on experience with **full-stack product development**.

## Projects

### AI Quiz Generator | [Live Link](#)

Next.js, Node.js, Express.js, MongoDB, Gemini API, PDF Processing

- Developed a **full-stack application** enabling users to upload PDF documents and generate **AI-powered custom quizzes** based on extracted content.
- Implemented **PDF parsing functionality** to extract and store text data page-wise in **MongoDB** for efficient content retrieval.
- Integrated **Gemini API** to generate contextually relevant quiz questions with **multiple difficulty levels** from parsed PDF text.
- Designed **RESTful APIs** for document upload, text extraction, and quiz generation with proper **error handling and validation**.

### MediAssist - AI Hospital Booking System | [Live Link](#)

Next.js, Groq API, MongoDB,

- Built **AI-powered hospital booking platform** with **LLM tool calling** and **symptom-based doctor routing**.
- Developed a **guest-based appointment management system** with **real-time slot conflict detection**.
- Implemented **multi-model AI fallback chain** and **JWT-secured admin dashboard** with booking analytics.

## Employee Reward and Recognition System

Node.js, Express.js, React.js, MongoDB

- Developed a **peer-to-peer recognition platform** enabling employees to send rewards, track transactions, and manage balances using **MERN stack**.
- Designed **RESTful APIs** for **user authentication, reward distribution, and transaction management** with **MongoDB** for efficient data storage.

## Education

**Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), India**

Master of Science (M.Sc) | Information Technology | **CGPA: 7.88**

**2021 - 2023**

**Sardar Patel University (SPU), Vallabh-Vidhyanagar, India**

Post Graduate Diploma in Computer Application (PGDCA) | **CGPA: 8.74**

**2020 - 2021**

**Sardar Patel University (SPU), Vallabh-Vidhyanagar, India**

Bachelor of Science (B.Sc.) | Computer Science | **CGPA: 7.4**

**2017 - 2020**