

# Jaydipsinh Solanki

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## Experience

### Edutor App

May 2023 - Present

Full Stack Engineer

Palanpur, Gujarat

- Developed the backend with **Node.js** and implemented **microservices architecture** using **Express**, improving API response time by **25%** and reducing server load by **30%**.
- Designed system architecture for a platform with **300K+ mobile** and **100K+ web** users while optimizing **MySQL** queries to enhance performance and reduce page load times by **15%**.
- Worked on the frontend using **React.js** leading a cross-functional team to launch a new feature that boosted user engagement by **20%** in the first month.

## Projects

### Edutor App | React.js, Node.js, Express.js, MongoDB, SQL | View

- Developed an open-source educational platform where teachers can create and share content.
- Supported **300K+ users** and over **120,000 content pieces** to enhance learning experiences.
- Built the backend using **Node.js** and optimized MySQL database queries, reducing page load times by **15%** and improving overall performance.

### Samadhan AI | React.js, Node.js, SQL, GPT4 API, Fine tuning

- Built an AI grievance chatbot for the **Ministry of Housing and Urban Affairs**, allowing people to chat about their issues.
- Worked on data fine-tuning, integrated the API into the backend, and tested responses to ensure proper functionality and reporting.

### E-Government Web Portal | HTML, CSS, Javascript, PHP, SQL | View

- Created a website to reduce the need for physical visits to government offices, minimizing queues and wait times by providing online access to documents and services.
- Integrated the **MyScheme** feature to help citizens filter and discover relevant government schemes.
- Led the project as team leader, managing the architecture and backend development, ensuring seamless integration and performance of the website and MyScheme feature.

## Education

### Gokul Global University

Bachelor of Computer Applications - CGPA: 9.28

2021 - 2024

- Studied subjects like Database Management, Operating Systems, and Computer Networks. Participated in competitions to develop skills.

### Shardashish High School Chhapi

12th Science - Percentage: 70%

2019 - 2021

- Developed a strong interest in science through hands-on experience in school science fairs.

## Technical Skills

**Frontend:** HTML, CSS, JavaScript, React.js, Bootstrap

**Backend & Databases:** Node.js, Express.js, PHP, SQL, MongoDB

**Tools & Platforms:** Git, GitHub, Postman, RESTful API, C++, AWS (Learning)

## Achievements & Participation

1st Prize in Ideathon 2023 ↗

Finalist, Smart India Hackathon 2023 ↗

Grand Finale Participant, SSIP Hackathon 2022 ↗

IDE Bootcamp, Ministry of Education India, 2024 ↗