

# Sahil Ambre

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Full-stack developer with expertise in building scalable web apps using React, Node.js, and MongoDB. Skilled in front-end and back-end, optimizing performance, and ensuring seamless user experience. Skilled in problem solving in team-oriented environments.

## SKILLS

- Languages: JavaScript, TypeScript, Python, C, C++, Java, HTML, CSS, R, SQL
- Frameworks and Web Services: Node.js, Express, Restful, React, Next.js, Angular, Bootstrap, Tailwind, Django
- Databases: PostgreSQL, MongoDB, Oracle, MySQL, AppWrite, Firebase
- Tools and Technologies: GitHub, Postman, AWS, Docker, Figma, Jira, SEO, CI/CD pipeline

## EXPERIENCE

### The Yiddish Arts and Academics Association of North America

Remote, US

Full Stack Developer

August 2024 – Present

- Implemented and optimized RESTful APIs to streamline front-end and back-end communication, enhancing data retrieval and user interaction efficiency.
- Improved server response time by reduced payload size implementing pagination.
- Increased efficiency by sending large volume of data by separating it into chunks in an orderly manner.
- Automated CI/CD pipelines with GitHub Action and Jenkins, accelerating deployments and improving workflows.
- Conducted linting and code reviews using ESLint, ensuring clean maintainable, and error-free code across the codebase.

### Vighnahara Engineering Solutions

Mumbai, India

Full Stack Developer

August 2021 – July 2022

- Enhanced backend logic and integrated PostgreSQL for improved querying and data storage, ensuring high availability and performance.
- Participated in code reviews and embraced Agile practices to promote collaboration and continuous improvement.
- Created and maintained Postman API documentation, ensuring clear and standardized endpoints to streamline integrations.
- Conducted comprehensive unit and integration testing with Jest, improving code quality and reliability by identifying potential issues early in development.

### Dezignolics Web and Software Solutions

Mumbai, India

Software Engineering Intern

December 2020 – July 2021

- Engineered RESTful APIs and optimized databases performance using PostgreSQL, ensuring scalability and reliable data management for high-management applications.
- Designed dynamic data visualizations and dashboards for actionable insights, leveraging tools like Chart.js and D3.js to enhance user experience and decision making.
- Performed unit and integration testing with Jest and Mocha to ensure functionality and reliability.

## PROJECTS

### [\[Link\]](#) AI Agent

- Built a full stack AI application using LangChain, LangGraph, Convex DB for dynamic data and NLP integration.
- Implemented an AI agent with LangChain and Convex DB, ensuring seamless user interaction and optimized data handling.
- Developed a modular, scalable architecture in Next.js, adhering to best practices for maintainable code and APIs.

### [\[Link\]](#) Full Stack Blogging Web Application

- Optimized data integrity and query performance by implementing MongoDB with Mongoose for schema validation.
- Utilized handlebar templating for dynamic rendering content, optimizing page load times, and improving overall user experience.
- Implemented JWT for secure user authentication with JSON token management, reducing unauthorized access attempts.

### [\[Link\]](#) Elderly Gaming Platform

- Engineered a virtual reward system with React and Node.js to boost medication adherence and improve user accountability.
- Implemented Jest for unit testing, improving application reliability and reducing post-deployment bugs by 3%.
- Built a live communication tools with Express and Socket.io, enabling seamless interactions between residents and caregivers.

## EDUCATION

### Stevens Institute of Technology

Hoboken, NJ

Master's in Computer Science

May 2024

### Mumbai University

Mumbai, India

Bachelor's in Computer Engineering

July 2022