

Sujal Panchal

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Professional Summary

Full Stack Developer with 1.5+ years of hands-on experience building and deploying modern web applications using the MERN Stack (MongoDB, Express.js, React.js, Node.js). Experienced in REST API development, AWS cloud deployment, Docker containerization, authentication systems, database management, and Generative AI integration using Google Gemini API. Passionate about creating scalable, user-centric applications while following modern software engineering and DevOps practices.

Technical Skills

Languages JavaScript (ES6+), TypeScript, C, C++

Frontend React.js, HTML5, CSS3, SCSS, Tailwind CSS, Responsive Design

Backend Node.js, Express.js, REST APIs, Authentication, Authorization

Databases MongoDB, MySQL, Redis

Cloud & AWS ECS, EC2, ECR, IAM, Route 53, Docker, Google Cloud Platform

DevOps

Tools Git, GitHub, Postman, Pinecone, Google OAuth

Concepts MERN Stack, Full Stack Development, API Integration, Cloud Computing, State Management, Generative AI, Large Language Models (LLMs)

Professional Experience

Independent Full Stack Developer

Jan 2025 – Present

Personal & Production-Oriented Projects

Remote

- Developed and deployed 2+ production-ready full-stack web applications using React.js, Node.js, Express.js, and MongoDB.
- Architected and maintained 15+ REST API endpoints supporting authentication, product management, AI-powered features, and user operations.
- Containerized and deployed applications using Docker and AWS ECS, enabling scalable and repeatable cloud-based deployments.
- Incorporated Google Gemini API to deliver real-time AI-powered conversational experiences and intelligent response generation.
- Managed 100+ Git commits while utilizing GitHub and Postman for version control, testing, debugging, and deployment workflows.

Projects

BrohShop — Cloud-Native E-Commerce Platform

Live Demo | [GitHub Repository](#)

- Built and deployed a production-ready MERN e-commerce platform featuring authentication, product catalog management, shopping cart workflows, and order processing.
- Engineered 10+ REST API endpoints supporting product, order, and user management operations.
- Designed secure JWT authentication and role-based authorization for customer and administrative access.
- Leveraged Docker and AWS ECS to streamline deployment workflows and improve scalability.
- Utilized MongoDB for persistent data storage and optimized database operations to improve application responsiveness.

Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, Redux, Docker, AWS ECS, REST APIs

ChatIo — AI Conversational Assistant

[GitHub Repository](#)

- Developed an AI-powered conversational application using React.js and Google Gemini API.
- Incorporated Large Language Model (LLM) capabilities to generate context-aware responses in real time.
- Designed asynchronous API workflows and robust error-handling mechanisms to improve application reliability.
- Built a responsive user interface using React.js, Tailwind CSS, and Vite for seamless cross-device usage.
- Applied reusable component architecture and modern frontend development practices to enhance maintainability.

Tech Stack: React.js, JavaScript, Google Gemini API, Tailwind CSS, Vite, REST APIs, Git, GitHub

Education

Bachelor of Computer Applications (BCA)
Navgujarat College of Computer Applications

2025 - 2028
Ahmedabad

Languages

English Hindi