

HITESH AHUJA

Full Stack / Software Engineer

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SUMMARY

Full-stack engineer with 1.5+ years of experience building customer-facing products using Next.js, React, Angular, TypeScript and API-driven architectures. Experience across conversational AI, healthcare marketplaces, insurance purchase journeys, AWS deployments and CI/CD, with hands-on exposure to FastAPI and .NET APIs across frontend-to-backend delivery.

EXPERIENCE

ICICI Lombard General Insurance

Aug 2025 – Present

Full Stack Developer

- **Travel Insurance Conversational AI:** Built the frontend for an AI-powered travel-insurance purchase journey using **Next.js 15, React, TypeScript and SSE**, rendering conversational responses and dynamic UI for quote, KYC, insured details and payment flows.
- Implemented a resilient SSE stream parser and asynchronous response handling for mixed text/API/UI events; integrated dynamic component rendering for plan cards and backend-driven UI schemas across the chat journey.
- **OPD & Elevate Her Marketplace:** Developed a **Next.js 16** healthcare marketplace embedded in a Flutter WebView, supporting **10+ service verticals** including consultations, lab tests, medicines and cashless procedures; used **Zustand + TanStack Query** for client/server state and SignalR for real-time health features.
- Implemented typed Flutter-WebView bridges, reusable API/service handling, JWT/encrypted request flows and lazy-loaded integrations such as Google Maps and PDF viewing for mobile-first insurance journeys.
- **Home Insurance:** Developed key purchase flows using **Angular, TypeScript and RxJS**, covering property details, quotes, add-ons, KYC, payment and policy issuance while integrating with **.NET REST APIs**; contributed to API handling, validation and encrypted request flows.
- Delivered **7–8 business-driven CRs** across insurance products, primarily implementing Angular frontend changes and contributing to **1–2 .NET backend changes**, API integrations and production business-flow updates.
- Worked with the AWS application ecosystem across **EC2 and Secrets Manager**, supporting Docker-based deployments, environment-specific configuration and Jenkins CI/CD for customer-facing insurance applications.
- Contributed across the **frontend-to-API lifecycle**, working with REST services in **FastAPI and .NET**, authentication, encrypted payloads, request handling and production debugging to deliver end-to-end features.

ICICI Lombard General Insurance

Feb 2025 – Aug 2025

Software Engineer Intern

- Built and shipped a mobile-first **Next.js 14** travel-insurance campaign landing journey from YouTube/Instagram ads, owning requirement gathering and the 6-step quote flow; reduced time-to-quote from **5 minutes to 2.5 minutes** and deployed on **AWS EC2** through Jenkins.
- Focused on **Lighthouse/mobile performance** and implemented **GA4/GTM** events across key interactions to track progression and drop-offs; the application handled **10K+ daily API requests**.

FREELANCE & PROJECTS

CinePlex – Movie Ticket Booking System

Live | GitHub

Java 21, Spring Boot, PostgreSQL, Spring AI, React

- Built a full-stack movie booking platform with **Spring Boot, React and PostgreSQL**, including movie/showtime discovery, seat selection, booking and payment-oriented workflows.
- Implemented concurrency-safe seat booking using **database-level pessimistic locking** with transactional hold/confirm/cancel handling; added weekday, weekend and premium-seat pricing using the **Strategy pattern**.
- Built an **agentic AI booking assistant** with Spring AI and Gemini tool-calling, containerized with Docker and deployed using Render and Neon.

Radheshyam Glass House – End-to-End Digital Build

Storefront | CRM

Next.js 14, React 18, Node.js, PostgreSQL, Sanity CMS

- Built a Sanity-powered storefront using **Next.js, React and ISR**, with a live product price calculator and CMS-driven product content.
- Developed a full-stack CRM using **React, Node.js and PostgreSQL**, with JWT-based role access and a 9-stage inquiry-to-dispatch workflow for business operations.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript (ES6+), TypeScript, C#, SQL

Frameworks: Next.js, React, Angular, Node.js, Spring Boot, FastAPI, .NET Core, RxJS, Tailwind CSS

AI/Architecture: LLM Integration, Agentic AI, RAG, MCP, Spring AI, Gemini, SSE, SignalR, REST APIs, OCR/ICR

Cloud & DevOps: AWS EC2, AWS ECS, Docker, Jenkins CI/CD, ECR, Nginx, Git, Postman

Databases: PostgreSQL, Oracle DB, MongoDB, MySQL

EDUCATION

Thadomal Shahani Engineering College

June 2025

B.E. Computer Engineering

8.42 CGPA

Chandibai Himathmal Mansukhani College, Ulhasnagar

2021

HSC (Science)

87.83%