


AYUSHMAN GUPTA

FULL-STACK DEVELOPER

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WORK EXPERIENCE

Neo Insurance Delhi | Dec 2022 – Feb 2025

Employee Benefits Platform

- Spearheaded the development of an employee benefits system, comprising two dashboards—a web app for HR managing 50,000+ employees and a React Native (Expo) app for employees (iOS & Android).
- Enhanced the Flex insurance module with React, Material UI, and Redux Toolkit, improving scalability and reducing onboarding friction for 5,000+ corporate clients.
- Resolved 30+ security vulnerabilities across web and mobile platforms to achieve VAPT compliance, fortifying authentication, data encryption, and API security, reducing potential attack vectors by 60%.

Real-time Fund Tracking Dashboard

- Improved a real-time fund tracking tool using React, Vite, Tailwind, and WebSockets, achieving sub-100ms data updates.
- Implemented JWT & OAuth-based authentication, reducing bundle size by 65% and improving load time by 40-50%.

Policy Administration System (PAS) Dashboard

- Led the development of a custom PAS dashboard, streamlining partner onboarding with a more efficient setup than our corporate platform. Refined workflows cut onboarding time by 20%, despite increased policy configuration intricacy.
- Leveraged React, Zustand and React Query for state management and caching, improving data-fetching efficiency and reducing API calls by 30%.

Krishi Network Gurugram | May 2022 – August 2022

Secure Payment Processing System (Backend & Security)

- Engineered a high-volume payment system using Flask and PostgreSQL, processing thousands of transactions daily with seamless Razorpay integration.
- Reinforced end-to-end security measures, reducing fraud risks and cutting payment processing errors by 40%.

Krishi Network Web App

- Developed a high-performance NextJS-based web app, leveraging advanced virtualisation and memoization to handle 20,000+ concurrent users.
- Enhanced WebView rendering for mobile apps, improving user engagement by 40% through performance-driven enhancements.

Upbringoo Pune | April 2021 – April 2022

- Designed a Vue-based dashboard (Vuex, Material UI) used by 100+ schools and institutions to manage student data, reports, and course content.
- Architected a React Native white-label framework, enabling schools and institutions

to deploy customised apps in under 2 weeks.

PROJECTS

Proto | [Github](#)

- Created a web-based Kanban tool with Next.js, Firebase and Firestore.
- Used by 100+ members for task tracking.

Astronomia | [Github](#)

- Developed a Discord bot for real-time astronomy news, celestial data, and movie recommendations.
- Built with DiscordJS, Firestore, and APIs, Puppeteer web scraping, and periodic updates.
- Deployed on 200+ servers, reaching 40,000+ members.

SKILLS

Languages

- JavaScript/TypeScript
- HTML & CSS
- Python & SQL

Frameworks & Libraries

- React, NextJS, Tailwind, Material UI
- React Native, Expo
- Django, PostgreSQL

Tools

Git, Jira, Figma

EDUCATION

Bachelor of Computer Applications

G.D. Goenka University – 2017-2020

CGPA - 8.7

Programming Concepts • DBMS •

Data Structure • Operating System •

Computer Network