Saadaan Hassan

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Summary

B.Sc. Computer Science candidate with 1+ years of experience developing AI-powered and data-driven web applications. Skilled in building scalable solutions using **Next.js**/TypeScript, **Django**, **FastAPI**, **Express JS**, with expertise in designing RESTful APIs, integrating third-party services (Stripe, OpenAI, Gemini, Whisper, Eleven Labs, Hume AI, and others), and optimizing system performance for faster response times. Delivered production-ready platforms including **Compl-AI**—an AI-driven compliance solution for SRA-regulated law firms, and multiple **ERP systems** powered by Django, Supabase and Firebase. Also developed an AI-based resume builder and a language learning platform MVP. Collaborative, detail-oriented developer focused on creating efficient, maintainable, and user-centric products.

Work Experience

Full Stack Developer — Oct 2025 – Present

LORDEVS — Full-Time

- Leading full-stack development of scalable web applications using **Next.js** and **Django**, ensuring seamless front-to-back integration and optimal performance.
- Implementing and integrating **RESTful APIs** and **third-party services** including **Stripe**, **OpenAI**, **Gemini**, **Whisper**, **Eleven Labs**, and **Hume AI**.
- Enhancing application responsiveness, reducing load times, and improving system reliability through efficient database queries and optimized API communication.
- Collaborating with cross-functional teams to design, implement, and deploy new product features aligned with business and user goals.
- Ensuring clean, maintainable, and scalable code through adherence to best practices in both **frontend and backend** development.

Front-End Developer — Jan 2025 – Sep 2025

LORDEVS — Full-Time

- Designed and implemented responsive, pixel-perfect layouts using **Next.js**, **React**, and modern CSS frameworks.
- Integrated frontend components with **RESTful APIs**, collaborating closely with backend engineers to ensure efficient data flow and consistent performance.
- Optimized frontend performance by improving load times, accessibility, and user interactions.
- Worked alongside UI/UX designers and backend developers to maintain a coherent, scalable front-end architecture.
- Wrote clean, modular, and reusable code following best practices in React, Next.js, and TypeScript.

Full Stack Intern — Aug 2024 – Oct 2024

Ezee Logix — Full-Time

- Contributed to the design and development of two full-scale web applications using the **MERN stack** (**MongoDB**, **Express.js**, **React.js**, **Node.js**).
- Integrated **third-party APIs** including **FedEx** and internal logistics services to streamline shipment tracking and operational workflows.
- Built a cross-platform **React Native** mobile application from scratch, ensuring smooth performance and consistent UI across iOS and Android.
- Collaborated with developers and designers in agile sprints, participating in **code reviews**, testing, and feature deployments to enhance product quality and maintainability.

Education

Bachelor's in Computer Science (CS) — 2022 - present

COMSATS University Islamabad — Lahore, Pakistan

Skills

Languages & Frameworks:	JavaScript, Typescript Python, ReactJS, NextJS, NodeJS, ExpressJS, Django, FastAPI
Databases:	MongoDB, PostgreSQL, MySQL, Supabase, Firebase
Styling & UI:	Shadcn/UI, Material UI, Tailwind CSS, Framer Motion, Bootstrap 5, HTML, CSS
Mobile Development:	React Native
Tools & Version Control:	Git, GitHub, VS Code, Cursor, Vercel, Netlify

PROJECTS

Compl-AI   Link to Website

- Built the frontend of an AI-powered legal-tech platform for SRA-regulated law firms using Next.js, Shadcn UI, and Framer Motion, ensuring a highly responsive and modern user experience.
- Integrated RESTful APIs to support AI chat interaction, token usage tracking, and billing management features.
- Optimized application performance and load times, improving overall efficiency and responsiveness.
- Collaborated closely with the backend team using Django and LangChain to deliver a retrieval-augmented generation (RAG) pipeline for intelligent compliance automation.

Technologies: Next.js, Shadcn UI, Framer Motion, Tailwind CSS, Django, LangChain (RAG), Vercel

HireOnRank   Link to Website

- Conceptualized and developed a full-stack, gamified recruitment and candidate-management platform with dedicated dashboards for three user roles (candidates, recruiters, and super-admin), delivering a real-world SaaS-style hiring solution.
- Engineered the frontend using Next.js and Shadcn UI, Tailwind CSS to deliver responsive, role-aware UI/UX; built backend services using Django, implemented secure authentication, role-based access control, and RESTful APIs to support end-to-end workflows.
- Embedded gamification features to boost user engagement, make recruitment and candidate evaluation interactive and motivation-driven.
- Implemented automatic new-commits detection after submission, enabling the platform to detect, validate, and version-control candidate code submissions without manual intervention, ensuring commit traceability and integrity of submission history.
- Deployed both frontend and backend on a VPS, including database setup, server configuration, and hosting, demonstrating full lifecycle delivery from development to production release.
- Architected a modular, maintainable, and scalable codebase, built with clean component structure and responsive design, enabling future feature expansion, better maintainability, and readiness for scale.

Technologies: Next.js, Shadcn UI, Tailwind, Framer Motion, Django, Hostinger

ParlezHub   Link to Website

- Developed a voice-first language-learning and freelancing marketplace platform using Next.js, Shadcn UI, and Tailwind CSS for the frontend.
- Built the backend with Django and implemented voice-model integrations (OpenAI, Vapi API) to support interactive AI-driven tutoring, pronunciation correction, and real-time feedback.
- Engineered seamless API connections and marketplace workflows that allow learners to engage with AI tutors and tutors/consultants to publish gigs and monetize their knowledge.
- Optimized application architecture for responsiveness and scalability, enabling cross-platform experience and accommodating real-time voice interactions at low latency.

Technologies: Next.js, Shadcn UI, Tailwind CSS, Django, OpenAI API, Vapi API, RESTful APIs, Vercel, PostgreSQL

Urban Heights   Link to Website

- Developed a modern branding website for a Dubai-based real estate firm, built with Next.js, Shadcn UI, and Tailwind CSS, delivering a high-performance, SEO-friendly single-page experience.
- Implemented dynamic content management with a blog and subscriber system using Supabase, enabling marketing teams to publish articles, manage readers and distribute newsletters.
- Engineered secure user sign-up/management workflows, subscriber database schema and serverless functions to support newsletter subscriptions and data analytics.
- Collaborated with designers and stakeholders to maintain brand consistency, accessibility standards, and optimize site speed and user engagement across mobile and desktop platforms.

Technologies: Next.js, Shadcn UI, Tailwind CSS, Supabase, PostgreSQL, Vercel

Tutorify   Link to Repo

- Developed a mobile application to connect students and tutors, enhancing the educational experience.
- Implemented key features including user onboarding, profile management, messaging, and search functionality.
- Created a map view for users to find nearby tutors or students, facilitating local connections.
- Ensured real-time data synchronization and offline access using Firebase and AsyncStorage.
- Focused on creating a clean, user-friendly interface with reusable components for scalability and maintainability.

Technologies: React Native, React-Native-Paper, Firebase Firestore, Firebase Authentication, AsyncStorage, JavaScript, CSS