Naman Chaturvedi

Full-Stack Engineer

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Summary

Full-stack developer and UI/UX Designer skilled in Next.js, React, and scalable backend systems using Express.js, FastAPI, and Flask. Experienced in building secure, production-ready applications with PostgreSQL, MongoDB, Docker, and AWS. Strong foundation in cyber security, enabling secure, high-quality web development.

Skills

Frontend: React, Next.js, Javascript, HTML, CSS, Tailwind CSS, Typescript, WordPress

Backend: Node.js, Express.js, REST APIs, Microservices Architecture, Python, FastAPI, Flask

Databases: PostgreSQL (SQL), MongoDB (NoSQL), Supabase, Firebase

DevOps Tools: Git, GitHub, Docker, Jenkins, CI/CD Pipelines, AWS, Cloudflare, Kubernetes

Authentication: JSON Web Tokens (JWT), OAuth 2.0, Keycloak, SSO, SSL/TLS

UI/UX Designing: Figma, Adobe Creative Suite, Responsive Design, UI/UX Principles

Projects

Japanese Learning App: Kahichan   Live Demo

- Helps users learn Japanese Kanji, vocabulary, verbs, and grammar via an interactive flashcard system
- Built with Next.js, Javascript and Tailwind CSS
- Backend developed using FastAPI, with MongoDB and PostgreSQL databases

Finance Tracker   Live Demo

- A Finance-management App which allows users to manage their income and expense records
- The Frontend is created using NextJS, Javascript and Tailwind CSS. The Backend uses
  - Express.js microservice for authentication and fetching user data
  - FastAPI microservice for CRUD operations for transactions
  - Flask microservice for fetching previous transactions
- The Application uses PostgreSQL for storing users' info and transactions

Notes App   Live Demo | GitHub

- A Full Stack Notes Application built for the purpose of personal note-taking, using MERN Stack and Next JS
- The Frontend is built using Next.js and Tailwind CSS
- The Backend uses Express JS which performs CRUD operations in the MongoDB Database, using REST APIs

Astro Bot: Personalized AI Chatbot   Live Demo | GitHub

- A Personalized AI Chatbot which uses Google's Gemma 1-billion Parameter Model via its API key

Geolocation Based Weather-Forecasting App   Live Demo | GitHub

- A geolocation-based weather forecast app built with Next.js, Tailwind CSS, and the Recharts plugin for visualization
  - Real-Time Temperature based on Location
  - Humidity at the current time
  - 24 Hour Forecasts and 7-Day History

Personal Portfolio and Blog   Portfolio | GitHub
- Personal portfolio showcasing projects and blogs
- Built using Next.js and Tailwind CSS
- Created a Backend Admin Panel along with the website for posting blogs and making it future-proof for content-writing. The Backend uses Express JS and MongoDB

Experience

UI/UX and Creative Designer, Zimyo Consulting Pvt. Limited– Gurugram   Feb 2025 – May 2025
- Designed the Website and Product Pages for the company, using Figma and Adobe Creative Suite
- Created Social Media Designs including Static Posts, GIFs, Carousels, etc. as part of the Marketing Team
- Worked with the tech team on the UI implementation on certain sections of the Product, using React and WordPress

Cyber Security Researcher, RAPIFUZZ Pvt. Limited   Jan 2024 – Jun 2024
- Creation of virtual environments and documentation, for the purpose of training professionals
- Worked upon Kali Linux and Ethical Hacking Tools such as Nmap, Net Discover, Burp Suite, Password Cracking, Remote Shell Execution, CVEs, Exploits and many other applications for Penetration Testing
- Worked upon some of the Client's Web-Application Security Testing alongside the team

Education

NIIT University, Integrated M.Sc   Aug 2020 – Jun 2024
- **Branch:** Computer Science and Cyber Security