

# Naman Chaturvedi

## Full-Stack Engineer

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### Summary

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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

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**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

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#### 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

#### Astro Bot: Personalized AI Chatbot

Live Demo | GitHub

- A Personalized AI Chatbot which uses a selected LLM's API key from Nvidia's Distribution

#### 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

#### 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

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**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

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**NIIT University**, Integrated M.Sc Aug 2020 – Jun 2024

- **Branch:** Computer Science and Cyber Security