

DAINWI CHOUDHARY

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Summary

Full-stack software engineer and B.Tech CSE student skilled in designing scalable web systems, implementing efficient algorithms, and integrating AI-driven automation. Experienced across full-stack development (Next.js, Node.js, FastAPI, MongoDB) with strong grounding in data structures, distributed systems, and software architecture. Seeking to build performant and intelligent systems at global scale.

Education

Galgotias University

Aug 2024 – Aug 2027

B.Tech in Computer Science and Engineering (CGPA: 6.9)

Experience

Full Stack Developer, TripleHash

Jan 2024 – Jun 2024

- Developed modular frontend and backend components using React, Node.js, and MongoDB for enterprise-scale applications.
- Optimized API performance, reducing response latency by 30% through efficient query restructuring.
- Designed and deployed REST APIs with CI/CD pipelines using GitHub Actions and Docker.

Project Manager, SecPen Labs

May 2025 – Aug 2025

- Led a team of 6+ engineers developing cybersecurity automation tools with focus on secure design and deployment.
- Oversaw Agile sprints, release management, and technical documentation improving delivery speed by 20%.

Projects

Copy AI (Web App) — Live

Next.js, TypeScript, Gemini API, Tailwind CSS

- Built an AI-powered copywriting platform that generates optimized blog and ad content using the Gemini API.
- Designed a responsive UI and optimized inference pipelines, reducing content generation latency by 50%.

Task Tracker — Live

Next.js, Express.js, MongoDB, JWT

- Developed a full-stack task management system with CRUD operations, secure authentication, and JWT protection.
- Enhanced UX with dynamic state updates and offline persistence using React hooks and Tailwind CSS.

Auth & User Management API — GitHub

Node.js, Express.js, MongoDB, JWT

- Engineered robust authentication and authorization APIs using JWT, bcrypt, and role-based access control.
- Implemented password recovery workflows, token verification, and Swagger API documentation for production readiness.

AI Blog Platform — Live

Next.js, Gemini API, MongoDB, Express.js, Node.js

- Created an AI-assisted blogging system supporting markdown posts, Gemini-generated drafts, and live editing.
- Integrated Firebase authentication, Firestore data storage, and custom blog routing with SSR optimization.

Technical Skills

Languages: C, C++, JavaScript, TypeScript, Python

Frontend: React, Next.js, TailwindCSS, ShadcnUI

Backend: Node.js, Express.js, FastAPI

Databases: MongoDB, PostgreSQL, Firebase

AI/ML: Gemini API, LangChain, ChromaDB, OpenAI API

Tools: Git, GitHub, Docker, Postman, Vercel, AWS (Basics)