

Education

- **Daffodil International University** Jan 2022 – Dec 2025
B.Sc. (Hons.), Computer Science and Engineering (CGPA: 3.65)

Experience

Viralspot AI Ontario, Canada · Remote
Software Engineer – Next.js, NestJS, AWS Nov 2025 – Present

- **AI Agent Development:** Designed and built the dashboard's AI agent on the Claude Agent SDK with custom MCP tool-calling, deployed as an AWS Lambda behind a NestJS API in production.
- **Full-Stack Ownership:** Designed and deployed a second product (Marketing Hub) end-to-end – NestJS backend, Next.js frontend, own MongoDB, VPS deployment with nginx/Docker/certbot.
- **Data & Analytics:** Built outlier-detection and competitor-analytics dashboards over Instagram and TikTok reel data, powering discovery and trending feeds with MongoDB Atlas Search.

SupeCoder.dev Remote
Full-stack Developer → Engineer – Next.js, NestJS, AWS App Runner Oct 2024 – Dec 2025

- **Career Progression:** Progressed from part-time intern to full-time engineer across four roles, shipping production features – job listings, mock interviews, scheduling, and a coding-practice/contest platform.

Projects

- **Recalfy** (Founder, 2026 – Present) – AI memory agent on Telegram and WhatsApp with atomic-fact storage, correction supersession, unprompted reminders, and a self-configuring expense tracker. Recurring subscription billing integrated via Paddle across tiered plans.
- **Wisdomic AI** (Founder, Feb 2025 – Apr 2025) – AI research tool cutting literature review from hours to seconds: structured paper breakdowns, citation extraction (APA/MLA/Chicago), and plagiarism detection. Open-sourced, including two browser-extension iterations.
- **DIU Academia Review** (Founder, Aug 2024 – Jan 2025) – Anonymous faculty review platform for Daffodil International University: 396+ teachers listed, 890+ reviews, secure auth. Sold an extended version to the university.

Achievements

- **National AI Hackathon (MillionX):** 1st Place, Education Category – Team Shikkha AI, Jan 2026
- **DIU Agentic AI Competition:** 2nd Runner-Up – Wisdomic AI, Apr 2025

Programming Skills

- **Languages:** TypeScript, JavaScript, Python
- **Frameworks:** Next.js, NestJS, Express, Node.js, FastAPI
- **Databases:** PostgreSQL, MongoDB
- **Cloud & DevOps:** AWS (EC2, ECS, Lambda, App Runner, Amplify, Lightsail), SST, Docker, CI/CD
- **AI Tooling:** Claude Agent SDK, MCP, RAG