

AMARNATH SHARMA

Full-Stack Software Developer | MERN | GenAI

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Professional Summary

Full-Stack Developer and BCA student (2024-2027) with software-development internship experience building responsive React.js interfaces from Figma and integrating REST APIs. Built and deployed two end-to-end applications spanning MERN, FastAPI, JWT authentication, AI/LLM pipelines, and cloud deployment. Strong foundation in REST API design, database schema modeling, debugging, and production-oriented development.

Key Skills

Full-Stack: JavaScript (ES6+), TypeScript, React.js, Node.js, Express.js, Next.js, FastAPI, RESTful APIs

Data & Auth: MongoDB, Mongoose, PostgreSQL, Prisma, Schema Design, JWT Authentication, GitHub OAuth, Middleware

GenAI: Groq LLM API, Tavily Search API, Prompt Engineering, Prompt-Injection Mitigation

Cloud & Tools: Vercel, Render, AWS Amplify, CI/CD, Git, GitHub, Postman, cURL, Axios, ESLint, Figma

Professional Experience

Software Developer Intern - Welldone Healthcare Private Limited

Apr 2026 - Jul 2026

Remote | React.js, Figma-to-Web, REST APIs, AWS Amplify

- Engineered responsive React.js UI components from Figma designs, maintaining consistent layouts across desktop and mobile breakpoints.
- Integrated REST APIs into production interfaces with loading and error-state handling; diagnosed UI and functional defects using Chrome DevTools and React DevTools.
- Monitored AWS Amplify deployments and collaborated in daily sprint meetings to track tasks, blockers, and delivery progress, reducing QA turnaround time through faster defect resolution.

Selected Projects

Invoice-IQ - Full-Stack Invoice Management System

React.js, Node.js, Express.js, MongoDB, JWT | Vercel + Render

- Architected an invoice platform with 8+ RESTful API endpoints for registration, login, and invoice CRUD using Express.js, MongoDB, and MVC separation of concerns.
- Implemented JWT authentication with token expiry and custom middleware across 3+ protected route groups; built a React.js + Tailwind CSS frontend spanning 5+ core modules.
- Validated all 8+ API endpoints with Postman and cURL, then independently deployed and maintained the application on Vercel and Render with zero post-launch downtime.

Automated Research Synthesizer & Obsidian Exporter - AI Research Tool

React.js, FastAPI, Python, Groq LLM API, Tavily API | Vercel + Render

- Built a full-stack GenAI research pipeline synthesizing findings from 3-7 live web sources through a two-stage LLM workflow and exporting structured Obsidian-ready notes with connected wikilinks in under 90 seconds.
- Designed an async FastAPI backend with Tavily full-content extraction, configurable 3/5/7-source research depth, and source-boundary prompt-injection safeguards.
- Implemented client-side ZIP export with JSZip and IndexedDB-based research history; deployed via Vercel/Render with UptimeRobot keep-alive pings to reduce free-tier cold starts.

Education

Bachelor of Computer Applications (BCA) - DAV Centenary College, Faridabad (MDU Rohtak)

Aug 2024 - May 2027

Achievements

- Top 10 Finisher - UnVibeCode Open Source Challenge by FinanceFlash.