Shivang Tyagi

SUMMARY

I'm a versatile developer skilled in JavaScript, TypeScript, and Python, with experience in building full-stack applications using React, Angular, and Node.js. I have understanding of data structures and algorithms and am always eager to solve real-world problems.

EXPERIENCE

Fullstack Developer Intern   *May 2025 – June 2025*
Algocept, Noida, Uttar Pradesh, India

◦ Contributed to full-stack web development projects involving website creation, feature testing, and technical documentation.
◦ Gained hands-on experience with modern technologies and tools in real-world development workflows.
◦ Collaborated with a professional team to build and optimize scalable web applications.
◦ Practiced version control (Git), agile methodologies, and industry-standard deployment techniques.

PROJECTS

Student CRUD App (Admin Dashboard) – (Angular + Express + MongoDB + JWT)
January 2025 – February 2025
◦ Developed a full-stack student management system with Angular for the frontend and Express.js for the backend.
◦ Implemented secure CRUD operations with JWT-based authentication.
◦ Used MongoDB for storing student records and ensured RESTful API integration for seamless data flow.
◦ Built responsive UI with Angular Material and handled real-time validations using Reactive Forms.

Blogging App (DevBlog) – (React + Redux + Appwrite)
December 2024 – January 2025
◦ Developed a blog platform with user authentication, post creation/editing, and real-time data using Appwrite.
◦ Managed application state efficiently with Redux Toolkit and React Hooks.
◦ Used Appwrite's database and authentication services to store and manage blog content.
◦ Designed reusable UI components with Tailwind CSS and ensured responsiveness.

Codara – AI-Powered Coding Assistant
Apr 2025 – ongoing
◦ Built a full-stack AI coding assistant using React, Tailwind CSS, FastAPI, and Uvicorn.
◦ Integrated OpenAI API, LangChain, LangGraph, and LangSmith for multi-step reasoning and observability.
◦ Added support for text, voice (Whisper/gTTS), PDF/image (Tesseract.js), and code latency estimation.
◦ Enabled real-time code explanation, error detection, and multi-language support.

Education

SRM Institute of Science and Technology   Aug 2024 – July 2026
Mca

Institute of Technology and Science   Sep 2021 – June 2024
Bca

ACHIEVEMENTS

Cracked VITMEE 2024(101 rank) | 3rd position in overnight coding |
Hackathon Runner Up

SKILLS

Technical Skills: API Development, JWT, RESTful APIs   **Languages:** C++, React, Node.js, MongoDB, Angular, Tailwind CSS
Software: Postman, Git, GitHub   **Relevant Coursework:** Agentic AI, DBMS, OOPS