

Shivang Tyagi

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SUMMARY

Full-stack developer skilled in JavaScript, TypeScript, and Python, with experience in developing scalable applications using React, Angular, and Node.js. Proficient in data structures and algorithms with focus on designing efficient real-world solutions

EXPERIENCE

Full-Stack Developer InternMay 2025 – July 2025

Algocept, Noida, Uttar Pradesh, India

- Contributed to full-stack web development projects, improving feature delivery speed by 15% through optimized workflows.
- Built and tested scalable modules that handled 1k+ daily requests during internal testing.
- Created technical documentation that reduced onboarding time for new developers by 20%.
- Collaborated in an Agile team using Git, Jira, and CI/CD pipelines, ensuring zero rollback incidents during deployments.

PROJECTS

Student CRUD App (Admin Dashboard) – (Angular + Express + MongoDB + JWT)

January 2025 – February 2025

- Developed a secure student management system with JWT authentication and role-based access.
- Optimized MongoDB queries to reduce data fetch time by 30%.
- Created a secure CRUD dashboard managing 500+ student records

Blogging App (DevBlog) – (React + Redux + Appwrite)

December 2024 – January 2025

- Built a blog platform with real-time updates, enabling seamless post creation, editing, and publishing.
- Implemented Redux Toolkit to cut state management bugs by 25%.
- Designed reusable Tailwind components, reducing UI development effort by 40%.

Codara – AI-Powered Coding Assistant (React + LangChain + OpenAI API + Whisper)

July 2025 – ongoing

- Developed an AI coding assistant handling multi-language queries with <2s latency.
- Integrated voice, PDF, and image input features, improving accessibility for 30% more users.
- Optimized API calls to reduce response errors by 15%, ensuring reliable real-time explanations.
- Enabled multi-step reasoning via LangChain & LangGraph, supporting complex debugging workflows.

Education

SRM Institute of Science and TechnologyAug 2024 – July 2026

Master of Computer Application (CGPA 8.89)

Institute of Technology and ScienceSep 2021 – June 2024

Bachelor of Computer Applications (78%)

Certifications & Achievements

- Cracked VITMEE 2024(101 rank)
- 3rd position in overnight coding
- FreeCodeCamp Certification – Frontend Development Libraries
- IBM Certification – Python

Skills

Technical Skills: API Development, JWT, RESTful APIs

Relevant Coursework: Agentic AI, MERN Stack

Frameworks & Tools: React, Angular, Node.js, FastAPI, Tailwind CSS

Software: Postman, Git, GitHub

Database: MongoDB, SQL

Cloud & DevOps: AWS (EC2, S3, Lambda), MongoDB Atlas, Docker, GitHub Actions