Maheep Tulsian

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Profile

Full-stack software developer with hands-on experience in building scalable web applications, integrating LLMs with backend services, and deploying blockchain-enabled systems. Strong foundation in data structures, system design, and modern DevOps workflows. Proven ability to ship production-grade solutions in high-stakes hackathons and internships.

Professional Experience

AI Research Intern, *Techsnap Educations LLP*   03/2025 – 05/2025
- Explored RAG, multi-modal AI systems, and responsible AI practices while deploying projects; fine-tuned local models using tools like Ollama to build and deploy specialized AI agents for scalable use cases.

Full Stack Development Intern, *SRM University, AP*   06/2024 – 08/2024
- Built a scalable and maintainable student listing webpage using React, Node.js, MongoDB, and JWT, featuring advanced search, filtering, sorting, and CSV/XLSX export for administrative tasks.

Member, Norman Lab, *Next Tech Lab (QS-ranked)*   10/2022 – present
- Worked on research and development projects in full stack and AI/ML with peer-reviewed outputs.

Technical Coordinator, *Google Developer Groups, SRM AP*   09/2024 – present
- Led tech initiatives, peer mentorship, and community events as a Founding Member, conducting workshops on LLMs, API integration, and real-time AI project demonstrations.

Projects

Up.ly, *AI-powered Career Assistant Website* ⧉
- Built an AI-driven career platform with LangChain and LangSmith architecture.
- Features include AI-generated resumes, mock interviews, personalized DSA/core CS sheets, and a Chrome job application autofill tool.

BorrowBridge, *Blockchain-based Crowdfunding Platform* ⧉
- Developed secure, transparent token-based fundraising platform using Ethereum smart contracts deployed and interacted using Thirdweb.

Ashwini, *Drug Inventory & Sales Dashboard* ⧉
- Real-time drug inventory system reducing tracking errors and decision lag via integrated visual dashboards.

SMS Protocol, *Crypto Without Internet* ⧉
- Winner, Unfold'24 (Coinbase Track).
- Enabled MPC-powered crypto transactions via SMS for accessibility in low-connectivity areas.

Skills

Languages: JavaScript, TypeScript, Python, C/C++, Java
Frontend: React, Next, TailwindCSS, Material UI, Zustand, Redux
Backend: Node, Express, FastAPI, Firebase, PostgreSQL, MongoDB
DevOps/Cloud: Git, GitHub Actions, AWS, Azure
AI/ML: LangChain, LLM APIs (OpenAI, Groq, Gemini), RAG
Blockchain: Solidity, Web3.js, Ether.js, ThirdWeb
Tools: Docker, Postman

Education

B.Tech, Computer Science Engineering, *SRM University, AP*   2022 – 2026
- CGPA: 8.9 | SGPA (6th Sem): 9.1   Vijayawada
- Awarded 25% merit-based scholarship for academic excellence