

Tejas Chamola

Computer Science & Engineering Undergraduate

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Seeking internship/entry-level roles in Web development, AI Engineering, or Prompt Engineering

PROFESSIONAL SUMMARY

Computer Science & Engineering undergraduate with hands-on experience in AI engineering, large language model (LLM) exploration, full-stack web development, and prompt engineering. Proficient in Python, C, React, and modern deployment workflows. Certified in prompt engineering (IBM) and cybersecurity (Cisco). Passionate about building intelligent systems and applying theoretical knowledge to real-world applications. Strong communicator with a track record of collaborative project delivery and hackathon participation.

EDUCATION

Indraprastha Engineering College

Bachelor of Technology in Computer Science & Engineering

Ghaziabad, India

Expected: Aug 2028

TECHNICAL SKILLS

Programming Languages: Python, C, Sql.

Web Development: HTML5, CSS3, JavaScript (ES6+), React.js

AI / ML / LLMs: Prompt Engineering, AI Engineering, LLM Exploration.

Tools & Platforms: Git, GitHub, Deployment.

Soft Skills: Team Collaboration, Technical Communication, Problem Solving, Punctuality, Process Improvement

PROJECTS

Bank Management System | React.js, JavaScript, HTML5, CSS3, Database

2025

- Developed a full-stack banking management platform enabling users to create accounts, manage customer records, perform deposits and withdrawals, and monitor transaction history.
- Implemented secure authentication and authorization mechanisms to ensure protected access to banking operations and customer information.
- Integrated database functionality for efficient storage, retrieval, and management of account and transaction data.
- Designed an intuitive and responsive dashboard that simplified account management and improved overall user experience.
- Applied structured data handling and validation techniques to maintain transaction accuracy and system reliability.
- Strengthened practical knowledge of full-stack development, database integration, and real-world financial application workflows.

TypeFast – Typing Speed Test Application | JavaScript, HTML5, CSS3

2025

- Built an interactive typing speed assessment platform that measures typing speed, accuracy, and overall performance in real time.
- Implemented dynamic text generation and timer-based testing functionality to simulate realistic typing scenarios.
- Developed automated performance analytics including Words Per Minute (WPM), error tracking, and accuracy calculations.
- Created responsive user interfaces optimized for desktop, tablet, and mobile devices.
- Enhanced user engagement through instant feedback mechanisms and real-time result visualization.
- Demonstrated strong proficiency in DOM manipulation, event handling, and front-end application development.

Cosmix-X Space Website (Client Project) | React.js, JavaScript, CSS3

2025

- Designed and developed a modern space-themed website for a client, focusing on visual appeal, usability, and professional presentation.
- Implemented responsive layouts and interactive UI components to ensure a seamless experience across devices and screen sizes.
- Integrated smooth animations and engaging design elements to improve user interaction and website engagement.
- Optimized performance, loading speed, and cross-browser compatibility for enhanced accessibility and reliability.
- Translated client requirements into a fully functional production-ready website while maintaining design consistency.
- Gained practical experience in client communication, project delivery, and real-world web development workflows.

Expense Calculator | JavaScript, HTML5, CSS3

2025

- Developed a web-based expense management tool to help users track income, expenses, savings, and overall financial activity.
- Implemented real-time calculations and automated balance updates to provide accurate financial insights instantly.

- Built expense categorization and tracking features that enable users to analyze spending patterns effectively.
- Designed a clean and responsive interface focused on usability and accessibility across multiple devices.
- Improved user experience through intuitive workflows and simplified financial data visualization.
- Enhanced understanding of front-end development, data handling, and personal finance management systems.

EXPERIENCE & INVOLVEMENT

AI & LLM Research — Self-Directed	Remote
<i>Independent AI Engineering Practitioner</i>	<i>2023 – Present</i>
• Independently researched and implemented AI engineering concepts including model evaluation, prompt crafting, and context window optimization across multiple LLM platforms. • Built and iterated on intelligent applications by combining open-source AI tools and frameworks with custom Python scripts. • Applied theoretical knowledge from coursework and certifications to hands-on experiments, bridging academic understanding with practical AI system design. • Explored emerging AI frameworks and tools to stay current with the rapidly evolving landscape of large language models and generative AI.	
Indraprastha Engineering College	Ghaziabad, India
<i>B.Tech Student — Computer Science & Engineering</i>	<i>Sep 2024 – Present</i>
• Pursuing a rigorous curriculum covering data structures, algorithms, computer architecture, and software engineering principles. • Collaborated with peers on academic and extracurricular technical projects, reinforcing full-stack development and systems programming skills. • Participated in college-level hackathons including Smart India Hackathon (SIH) 2025 and the Bharat Shikha Expo Hackathon, demonstrating rapid prototyping ability under time constraints.	

CERTIFICATIONS

Prompt Engineering for Everyone	IBM / Coursera
<i>Covered: foundational and advanced prompt design, LLM behavior, use-case applications</i>	<i>2024</i>
Prompt Engineering (Skill Certification)	Skill-Based Platform
<i>Validated practical prompt engineering skills across multiple LLM contexts</i>	<i>2024</i>
Introduction to Cybersecurity	Cisco Networking Academy
<i>Topics: network security fundamentals, threat identification, security policies</i>	<i>2024</i>

ACHIEVEMENTS & HACKATHONS

- **Smart India Hackathon (SIH) 2025** — Competed in one of India’s largest national-level hackathons, developing a solution under a 24-hour rapid prototyping challenge.
- **Bharat Shikha Expo Hackathon** — Recognized participant; contributed to a cross-functional team solution integrating AI and web technologies.
- **Dual IBM Prompt Engineering Certifications** — Completed both foundational and skill-level prompt engineering certifications, demonstrating consistent upskilling in AI engineering.
- **Cisco Cybersecurity Certification** — Gained foundational knowledge in network security, recognized by one of the world’s leading networking authorities.

AREAS OF INTEREST

Artificial Intelligence Engineering · Large Language Models · Machine Learning · Full-Stack Web Development · Data Science · Cybersecurity