Aditya Tripathi

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Work Experience

Full Stack Developer Intern, Back & Forth Solutions Pvt Ltd — May 2025 – Jul 2025

- Contributed to the development of the 'Ride and Share' carpool website, building and refining 10+ responsive UI components.
- Collaborated with a 5-member development team to enhance website functionality and ensure cross-browser compatibility, optimizing layouts and workflows which improved user experience by 95% and reduced page load time by 25%.
- Implemented 8+ feature updates and resolved multiple UI/UX bugs, improving overall frontend performance by 30%.

Frontend Developer Intern, SkillCraft Technology — Dec 2024 - Jan 2025

- Developed and optimized 6+ interactive UI components using React.js, Tailwind CSS, improving application scalability.
- Implemented Firebase Authentication for secure user login, ensuring 100% compliance with modern authentication standards.
- Enhanced cross-device usability by delivering fully responsive designs, improving mobile accessibility by 40%.

Projects

HealthCare Chatbot — GitHub Link

- Developed an AI-powered chatbot in Python leveraging **Decision Tree** and **SVM** models for disease prediction with 80%+ classification accuracy.
- Implemented Decision Tree classification to map 40+ symptoms into 15+ possible diseases, ensuring interpretable and reliable predictions.
- Enhanced user interaction using basic NLP, enabling real-time responses and delivering 20+ healthcare tips and precautionary measures.

Ahaar Setu — GitHub Link

- Developed a real-time food redistribution platform connecting donors with NGOs to minimize food wastage and support communities.
- Built with **HTML, CSS, JavaScript**, and **Firebase**, enabling real-time updates and reducing data sync latency by 90%.
- Implemented donor-to-NGO matching system handling 50+ concurrent updates, improving efficiency of redistribution operations.

AI Resume Analyzer & LinkedIn Scraper — GitHub Link

- Crafted an AI-driven analyzer to summarize resumes, highlight strengths, and suggest roles.
- Automated LinkedIn job scraping with role, location, and description filters.
- Combined resume analysis with job feeds, improving job-match accuracy by 20%.

Education

SRM University, Andhra Pradesh — Aug 2023 – Present
B.Tech in Computer Science and Engineering — CGPA: 8.5
Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Machine Learning

Technologies

Languages:	JavaScript, Python, C++, Java, PHP, MySQL
Tools:	Git, GitHub, VS Code, Jupyter, Google Colab, Tableau, Power BI
Libraries & Other Skills:	Pandas, NumPy, Matplotlib, Machine Learning, Generative AI, OOPs, MySQL, APIs, Data Pipelines

Achievements & Certifications

- **Associate Data Engineer (Global) - DataCamp**: Credentialed in **ETL pipelines, data wrangling**, and cloud-based processing.
- **Career Essentials in GitHub** – Professional Certificate by LinkedIn Learning & GitHub.
- **PHP & MySQL Certification** – Udemy course on backend development fundamentals.
- **GDG Core Member** at Google Developer Groups, SRM University, AP.