

CHINIMILLI HARI PRASAD

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Professional Summary

Final-year B.Tech student in Computer Science and Data Science at KIET, aspiring Prompt Engineer and Generative AI specialist. Experienced in building MERN full-stack applications and AI/ML solutions, including recommendation systems, NLP chatbots, and data-driven analytics. Comfortable with Python, JavaScript, React, Node.js, Express, MongoDB, and core software engineering practices using Git and REST APIs.

Education

B.Tech in Computer Science and Data Science, Kakinada Institute of Engineering & Technology (KIET)

- CPI: 7.51
- Relevant Coursework: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks, Software Engineering

Internship Experience

Full Stack Developer Intern (MERN) — SmartInternz / APSCHE

- Built **ShopEZ – MERN e-commerce platform** with user authentication, cart, and order modules.
- Optimised REST APIs, reducing backend latency by 30%.
- Debugged frontend–backend Axios network issues, ensuring stable, production-ready deployment.

AI Intern — TechSaksham, Edunet Foundation

- Built Python-based tools for automation and text classification for student/education use cases.
- Collaborated with a 5-member development team under Microsoft & SAP mentorship.

ML Intern — IIIT Hyderabad (iHub-Data)

- Worked on regression & classification models achieving 88–98% accuracy on real-world datasets.
- Improved system efficiency via data preprocessing, feature engineering, and model evaluation.

Projects

ShopEZ – MERN E-commerce Platform

- Developed a full-stack app with user authentication, product management, cart, and orders.
- Deployed on Vercel using React (Vite), Node.js, Express.js, and MongoDB.

Movie Recommendation System

- Designed a hybrid recommendation engine combining content-based and collaborative filtering.
- Achieved silhouette score of 0.667 and reduced RMSE to 0.879 after model tuning.

NLP Chatbot

- Built a Flask + spaCy chatbot for real-time query handling with 90% intent detection accuracy.
- Integrated entity recognition and deployed a working prototype for end users.

Skills

Languages: Python, C, Java, JavaScript

Full Stack: React.js, Node.js, Express.js, MongoDB, REST APIs

Software Engineering: Data Structures & Algorithms, OOP, DBMS, Git, GitHub, GitLab

AI/ML & Data: TensorFlow, basic NLP, Generative AI fundamentals, data preprocessing

Tools: Postman, VS Code, MS Office

Other: OS, CN, Software Engineering, debugging, quantitative problem-solving

Achievements

- Top 10% in IIIT-H Foundations of Modern Machine Learning Program (Grade A among 1500+ learners).
- 2nd Place – **Code Quest 2.0** Python Coding Contest (JNTU-GV), solving 6 DSA-style problems.
- Top 100 scorer in Deloitte **BRIDGE Campus Learning Series – Maximizing Workforce Potential** quiz.
- Multiple national-level recognitions in hackathons and contests (VALIANT ML Hackathon at VIT, Unstop Talent Park – Tech, Code Rush by Newton School).

Certifications & Specialized Programs

- **Foundations of Modern Machine Learning (Parts I–III)** — IIIT Hyderabad (iHub-Data); 48+48+48 hours of lectures and tutorials; secured Grade O / A across modules (2023–2024).
- **Data Science Master Virtual Internship** — EduSkills & AICTE (supported by Altair); 10-week program in data science, ML, and AI with real-world projects.
- **AI–ML Virtual Internship** — AICTE–EduSkills–Google for Developers; 10-week internship on core ML workflows and model deployment (Oct–Dec 2024).
- **Web Full Stack Developer Virtual Internship** — EduSkills Academy & AICTE NEAT; 10-week full-stack internship focusing on modern web development.
- **Android Developer Virtual Internship** — AICTE, EduSkills & Google for Developers; 10-week virtual internship in Android app development (Apr–Jun 2025).
- **Summer of AI 2025 – AI Developer Intern** — VISWAM.AI (with Swecha, IIIT Hyderabad, Meta, TASK, HYSEA); 4-week program on open-source AI, Python, collaborative development, and DevOps.
- **AI & Data Analytics (Green Skills) Internships** — Edunet Foundation, AICTE & Shell India; multiple 4-week virtual internships under Skills4Future, focusing on AI, data analytics, and sustainability.
- **AI: Transformative Learning / Foundations of AI** — TechSaksham (Microsoft & SAP) & Edunet Foundation; 4-week AI program with project-based learning and presentation to expert panels.
- **TCS Last Mile – Salesforce Program 2025** — SmartBridge & Tata Consultancy Services; 12-week program on Salesforce CRM, Apex, and Lightning Web Components.
- **AI/ML for Geodata Analysis** — ISRO IIRS, Dehradun; course on ML/DL architectures (CNN, R-CNN, YOLO, etc.) for geospatial data analysis and Google Earth Engine.
- **Full Stack Development: The Gateway to Tech Career Success** — GUVI; program on end-to-end web development practices.
- **Generative AI & Productivity Certifications** — Google Cloud “Introduction to Generative AI”, Kandi “Basics of Generative AI”, Microsoft Learn badges including Copilot-based courses and “Empower educators to explore the potential of AI”.
- **Data & Analytics Certifications** — Deloitte Data Analytics Job Simulation (Forage), One Roadmap Excel Skill Certification (Credential ID: CERT-30A5DD84), Google Analytics certification (SkillHop).
- **Python & Programming Foundations** — Python Programming Essentials Bootcamp (LetsUpgrade), Python Data Structures (Great Learning Academy), Python programming certificate from Edyst.