

# CHINIMILLI HARI PRASAD

hariprasadchinimilli18@gmail.com • +91-9346416669 • linkedin.com/in/haripch • github.com/Hari-1718

## 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.