Charan Sai Deekonda

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Career Objective

Final-year Artificial Intelligence and Machine Learning student passionate about applying AI to solve real-world problems. Skilled in developing efficient, high-quality software solutions with a strong focus on innovation, adaptability, and continuous learning

Education

ACE Engineering College, Hyderabad   *Nov 2022 - Present*
Computer Science and Engineering(AIML) - GPA: 8.5

Narayana Junior College, Hyderabad - GPA: 9.7   *2020 - 2022*

The Nalgonda Public School, Nalgonda - GPA: 7.9   *2010 - 2020*

Technical Skills

- **Core Subjects:** Data Structures, Object-Oriented Programming (OOP), Computer Networks, DBMS, Software Engineering, Operating System and Machine Learning.
- **Programming Languages:** Java, Python, C/C++, JavaScript, SQL.
- **Technologies/Tools:** React.js, Node.js, Express.js, SQL/MySQL, Scikit-learn, Pandas, NumPy, Matplotlib.
- **Developer Tools:** Git and GitHub, Oracle BI Publisher, Postman.

Professional Experience

Oracle Technical Consultant Intern *Certificate* ⬀   *Hyderabad, India*
Company: Accenture   *May 2025 – July 2025*

- Worked in an agile setting with a cross-functional team to design, develop, and test 5+ business intelligence products.
- Exhibited excellent problem-solving abilities by creating complex SQL queries to extract data from a database containing more than 50,000 records for use in front-end dashboards.
- Acquired expertise in developing enterprise-grade software with an emphasis on producing high-caliber, maintainable code for internal stakeholders.

Projects

Buyora: Full-Stack E-Commerce Platform   *Github* ⬀

- Created a full-stack e-commerce platform from the ground up, with a responsive React.js single-page application (SPA) with a strong frontend–backend connection and a secure Node.js RESTful API.
- Generated a relational MySQL database for effective data management, applied secure authentication (JWT), and used the React Context API to manage global state (user sessions, shopping cart).
- Tech Stack: React.js, Node.js, Express.js, MySQL, JWT, Context API, Git.

DatumSage: AI-Powered Conversational Data Platform   *Github* ⬀

- Using object-oriented design principles, I planned and implemented a Python AI microservice that converts natural language queries into data insights and visualizations.
- Designed a distributed, multi-tiered, scalable system using a cloud-hosted MySQL database, a Next.js frontend, and a Node.js backend.
- Tech Stack: React (Next.js), Node.js, Python, Flask, LangChain, Google Gemini, Pandas, MySQL, Git.

World Population Analysis   *Github* ⬀

- Developed a full-stack data application to handle and display massive amounts of demographic data using Flask and Python.
- Executed a collection of dynamic Matplotlib graphics for the front end and used Pandas to implement reliable backend data processing.
- Tech Stack: Python, Flask, Pandas, Matplotlib.

Certifications and Training

- **Coding:** Solved 250+ problems on LeetCode. *Profile* ⬀
- **Salesforce Trailhead (24 Superbadges, 90+ Badges):** Advanced Flow for Agentforce, MFA and SSO, Security and Performance, Access Governance, and Developer Super Set. *Profile* ⬀
- **MePro Level 10 - English Proficiency Certification:** Certified in advanced English proficiency by Pearson. *Certificate* ⬀
- **AI-ML Virtual Internship (10 Weeks).** *Certificate* ⬀