Gowri Shankar Chintala - Data Engineer
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SUMMARY

- Passionate Data Engineer with 2+ years of experience in developing, testing and optimising data solutions for enterprise systems.
- Proficient in GCP, Python, PySpark, SQL, Databricks, Power BI and web development technologies.
- Created easy-to-use web applications with React.js, Node.js, and Spring Boot, using my skills in Python, Go, and Java to make reliable systems.
- Led the development of a real-time exam portal using Python and MySQL, which improved the backend operations and offered a simple HTML/CSS interface.
- Worked on machine learning projects during my internships, focusing on predicting house prices with Python using methods like Linear Regression and Decision Trees.
- Skilled in managing end-to-end project lifecycles, automating scripts, and ensuring high-quality software deliverables. Currently pursuing a Master of Science in Computer Science, seeking opportunities to contribute to innovative tech projects.

SKILLS

Methodologies: SDLC, Agile, Waterfall, Scrum
Programming Languages: Python, R programming, C programming, C++, C#, Java, Go, SQL, JavaScript
Database: MySQL, PySparkSQL, MongoDB
Libraries & Frameworks: PySpark, Node.js, React.js, Flask, NumPy, Hadoop, Vs Code, Angular, Pandas, Spring Boot, Rest API
Tools & Technologies: CSS, HTML, Postman, GCP, Kubernetes, Docker, LLM's, Kafka, Jira, Git, DataBricks, PowerBI, VM, Oracle DB
Operating Systems: Linux, Ubuntu, Windows, MacOs

PROFESSIONAL EXPERIENCE

Data Engineering Associate | *Accenture Solutions Pvt Ltd* | Hyderabad, India | Oct 2021 – Dec 2022

- Worked as part of the development team responsible for building and automating data pipelines for a major health organization, Highmark Health. Initially started in quality assurance, then transitioned to the development team where I automated scripts and developed key components for data services. Developed expertise in Databricks and PySpark, contributing to performance improvements and process automation.
- Recognized by both the client and management for delivering significant solutions, streamlining data integration, and improving data flow reliability.

Machine Learning Intern | *Codemania* | May – August 2019

- Completed a machine learning internship focusing on predictive analysis using Python.
- Developed a machine learning model for predicting house prices using datasets and advanced algorithms such as Linear Regression and Decision Trees. Gained practical experience in Python programming, data analysis, and machine learning frameworks.

Blockchain Intern | *Raghu Engineering College* | March – April 2020

- Worked on a blockchain-based project during the summer internship, focusing on understanding blockchain fundamentals and their applications in secure transaction systems.
- Gained insights into blockchain structure, cryptographic hashing, and consensus algorithms, contributing to a student research paper.

EDUCATION

Bachelor of Technology in Computer Science | *Raghu Engineering College- Visakhapatnam, India* | Apr 2017 – Aug 2021

- Graduated with Distinction, Top 10% of the Class
- Secured job offers from TCS, Tech Mahindra, and Accenture during campus placements, reflecting strong academic and practical skills in software engineering.

Master of Science in Computer Science | *Texas A&M University-Commerce* | Jan 2023 – Dec 2024 | GPA: 3.65

- Relevant Coursework: Research Work, Machine Learning, Big Data Analytics, Cloud Computing, Advanced Algorithms
- In addition to my academic projects, I am conducting my own research and building my portfolio with certifications and personal projects, effectively managing both my academic responsibilities and personal interests.

ACADEMIC PROJECTS

- ***Student Online Examination System*** Led the development of a real-time examination portal using Python, MySQL, and Apache for managing backend operations, with a user-friendly interface designed using HTML and CSS.
- ***Student Information Chatbot*** Created a chatbot using JavaScript and HTML/CSS to provide instant responses to students regarding their academic information. Led debugging and coding efforts to ensure system reliability.
- ***Smart Disease Detector using AI*** Conducted a systematic review on the applications of machine learning and deep learning techniques in disease prediction and diagnosis, focusing on heart disease, liver disease, kidney disease, and diabetes**.**
- ***GitHub Finder*** Developed a React web application using the GitHub API to allow users to search for GitHub profiles and view detailed user information such as repositories, followers, and more. Implemented light/dark mode toggle for enhanced user experience and UI customization.
- ***Face and Emotion Detection Web App*** Created a real-time face detection and emotion classification web app using face-api.js, capable of identifying emotions, age, and gender through a webcam feed. Integrated a user-friendly interface with start/stop webcam controls and visual feedback.
- ***Language Translator Web App*** Built a web-based language translation tool with real-time translation capabilities, integrating a free translation API. Implemented responsive design with additional features like text-to-speech and one-click copy functionality for enhanced usability.