Jayesh Paluru

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 https://github.com/jayeshpaluru

EDUCATION

University of Texas at Dallas <div align="right">Richardson, Texas</div>

Honors Bachelor of Sciences in Data Science — Expected Graduation: December 2024

Relevant Coursework: Data Analysis, Object Oriented Programming, Discrete Mathematics, Advanced Calculus, Linear Algebra

Certifications:
- IBM Data Analytics Professional Certification – IBM Skills Network
- Google Data Analytics Professional Certification – Google Career Certificates

Honors/Awards: Google Data Analyst, IBM Data Analyst, USACO Gold Level, Eagle Scout, President's Volunteer Service Award, Collegium V Honors Student

Scholarships: Landis+Gyr Scholar, National Merit Scholar

PROFESSIONAL EXPERIENCE

Data Science Intern – Humana

- Wrangled, cleaned, and analyzed data to make decisions about internal tools lifecycles and reduced the amount of legacy technology used by 50% with SQL and Excel
- Conducted viability analysis on old technologies to help save $30,000 monthly with Python
- Visualized 50,000 people's healthcare data in a PowerBI dashboard

Data Engineer (Contract) – Falling Fruit

- Helped develop a data pipeline to increase the rate at which data is shown to a user by 200%
- Created an archiver from scratch to save old datasets to be displayed to the user
- Utilized Shell, R, Node.js, Ruby on Rails, PostgreSQL, and Amazon S3

Lead Server – Thai Essence

- Lead a team of 4 other servers
- Settled customer disputes and helped with customer relations
- Managed a restaurant floor and communicated with customers and chefs concurrently

PROJECTS

AI Generated Cover Letter Chrome Extension

- Utilized HTML, JavaScript, and a natural language model to create a Chrome extension that generates cover letters
- The Chrome extension was downloaded over 1000 times

Code Challenge Website

- Utilized Bootstrap, jQuery, and Node.js to create a website that helps college students come up with coding project ideas
- Bootstrap and jQuery were utilized to create a simple, modern, and responsive web design

AI Powered SAT/ACT tutor chatbot

- Trained a GPT-3 model on a CSV file filled with SAT Practice tests and questions in Python
- Built a front-end for the model with HTML, CSS, and JavaScript to be simple and modern

IBM Data Analyst Capstone Project

- Utilized Excel, PowerPoint, Python, and SQL to clean, wrangle, analyze, and visualize data from a modified StackOverflow dataset

SKILLS

Skills: Data Analysis, Data Visualization, Data Science, Machine Learning, Database Manipulation, Web Development, Team Leadership

Programming Languages: SQL, Python, R, HTML, CSS, JavaScript

Tools and Technologies: Excel, TensorFlow, Keras, Sci-kit Learn, PyTorch, NumPy, Pandas, Matplotlib, Seaborn, MySQL, MS SQL Server, PostgreSQL, React.js, jQuery, Express, Node.js, MongoDB