Trilesh Pavan Katreddy
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Experience

Data Annotator   **Nov 2024 – Jan 2025**
Outlier AI.

- Reviewed user responses and crafted high-quality prompts for math coding tasks, enhancing AI-generated solutions' accuracy by 20% and improving the overall quality and reliability of model outputs.
- Analyzed code correctness and developed evaluation frameworks, increasing response reliability by 25%, earned up to $400 USD, later converted to INR via AIRTM.
- Conducted quality assurance reviews on prompt datasets to identify gaps and improve prompt effectiveness, contributing to more robust training data and better future model performance.

Data Analyst –Agricultural Innovation Coordinator   **Jun 2023 – Jul 2023**
Dr. A.P.J. Abdul Kalam Welfare Association.

- Collaborated with NGOs to implement sustainable agricultural practices, tracking farmer engagement and analyzing impact data to drive continuous improvement and support community development
- Led a team of 20+ volunteers in conducting workshops, improving resource management techniques among farmers by 30%, and promoting sustainable agricultural practices in local communities.
- Collected, analyzed, and interpreted field data to generate actionable insights for enhancing future agricultural outreach programs, optimizing resource allocation, and improving farmer engagement strategies.

Projects

GetItDone | *Java, JDBC, SQL, HTML, CSS, JavaScript*   **Feb 2025**

- Developed GetItDone, a robust platform linking clients with professionals based on specialization, region, and ratings.
- Integrated a JDBC-based backend with an SQL database for user access, service catalog, and transactions.
- Established a secure signup and authentication process with validation for age, gender, contact details, and payment methods.
- Built a highly responsive frontend using HTML, CSS, and JavaScript, ensuring smooth interaction with backend operations
- Enhanced overall transaction processing speed by 30% through optimized payment options and backend integration

Data Science Salaries Dashboard | *Tableau, Tableau Prep, SQL*   **Dec 2024**

- Designed a dynamic dashboard to evaluate compensation trends for data professionals across various roles and locations.
- Created interactive visual elements, including detailed global comparisons to analyze geographic salary differences.
- Implemented advanced multi-level filtering to better refine pay structures by expertise and geographical distribution
- Streamlined efficient data preparation using Tableau Prep and SQL for more precise reporting and effortless exploration.
- Increased overall user engagement by 25% by optimizing dashboard usability and introducing detailed salary breakdowns.

Certificates

Oracle SQL - A Comprehensive Course	*Infosys Springboard*	**Apr 2025**
Data Analysis with Tableau	*Coursera*	**Dec 2024**
Supervised Machine Learning with Regression and Classification	*Coursera*	**Dec 2024**
Cloud Computing	*NPTEL*	**Oct 2024**
Data Structures and Algorithm using with C++&Java	LPU	**Jun 2024**

Technical Skills

Languages: Java, C++, Python, R, SQL, HTML, CSS.
Technologies/Frameworks: Spring Boot, Spring MVC, Spring Security, Hibernate, JPA, JDBC, Maven, REST APIs, Git, GitHub, Postman, Apache Tomcat, Docker, Tableau Prep, Tableau Desktop, Advanced Excel.
Skills: Data Structures and Algorithms, MySQL, DBMS, Operating Systems, Computer Networks.

Education

Lovely Professional University Punjab	**Since Aug 2022**
Computer Science and Engineering – 7.48	*Jalandhar, Punjab*
Vidhya Vikas Junior College	**2021 – 2022**
12th with Science — Percentage: 74.3%	*Jangareddygudem, Andhra Pradesh*
Buds and Blossoms High School	**2019 – 2020**
10th with Science — Percentage: 92%	*Jangareddygudem, Andhra Pradesh*