

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 AIRT.M.
- 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

Car-Verse |Java, Spring Boot, Spring Security, JPA/Hibernate, PostgreSQL HTML, CSS, JavaScript, REST API, JWT Jul 2025

- Designed a robust full-stack car rental system with secure user authentication and advanced role-based access control
- Created real-time vehicle availability tracking and intelligent booking conflict prevention to ensure seamless and reliable operations.
- Implemented a responsive frontend interface and RESTful APIs for efficient vehicle listing, advanced search, and booking features.
- Streamlined transaction processing speed by 30% through strategic backend optimization and improved database execution.
- Increased security with JWT authentication, encrypted password storage, and comprehensive multi-level access policies.

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

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++, 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 —CGPA : 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