Satish Pakalapati

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SKILLS

Languages:	Python, Java, R, SQL, Scala, HTML, JS
Frameworks/Libraries:	NumPy, Scikit-Learn, Spring, Pandas
Tools/Platforms:	Excel, Tableau, Jupyter Notebook, MySQL Workbench, PostgreSQL, Maven
Soft Skills:	Problem-Solving, Team Player, Adaptability, Astute, Quick Learning

PROJECTS

Dev-Hub Java Full Stack Application   Jun' 2025 – Jul' 2025
- Developed a full-stack web app to enhance user interaction and data management.
- Engineered backend with Java/Spring Boot/MySQL, crafted responsive front-end with HTML/CSS/JS.
- Integrated authentication with JWT, optimized database interactions with Hibernate, managed builds with Maven.
- Technologies: Java, Spring Boot (MVC, Security, JWT), Hibernate, PostgreSQL, HTML, CSS, JavaScript, React, Maven.

Bitcoin Trading Prediction   Sep' 2024 – Jan' 2025
- Designed a Bitcoin price prediction model using historical data.
- Executed data preprocessing with NumPy/Pandas, conducted exploratory analysis with Excel implemented Linear Regression with Scikit-Learn, generated visualizations with Matplotlib, improved accuracy via feature engineering.
- Technologies: Python, NumPy, Pandas, Scikit-Learn, Matplotlib, Excel.

HR Data Analysis   Jun' 2024 - Jul' 2024
- Performed SQL queries on HR datasets in Oracle Database to extract, clean, and analyze employee data.
- Worked on HR datasets, performing fundamental database operations.
- Implemented SQL functions for advanced data retrieval and analysis.
- Technologies: SQL, MySQL Database.

SUMMER TRAINING

Board Infinity | Data Analyst   Jun' 2024 – Jul' 2024
- Mastered DBMS concepts, including ER diagram design, normalization (1NF–3NF), and B/B+ Tree indexing for query optimization.
- Gained expertise in transaction management (ACID, serializability, concurrency control).
- Proficient in SQL (DDL, DML, DCL, TCL) with advanced skills in joins, subqueries, GROUP BY, HAVING, and CASE.
- Skilled in MySQL, with clear understanding of SQL vs. NoSQL systems. Optimized database structures and built data models for actionable insights.
- **Technologies**: MySQL, Oracle SQL, PostgreSQL, SQL

CERTIFICATES

Principles Of Gen AI	Spring Board	Jun' 2025
Cloud Computing	NPTEL	Oct' 2024
Data Visualization and Data Analysis	Coursera	Dec' 2024
Supervised Machine Learning: Regression and Classification	Coursera	Oct' 2024
Data Analysis	Board Infinity	Oct' 2024
Excel Skills for Data Analytics and Visualization	Coursera	Apr' 2024

ACHIEVEMENTS

Participated in Code-a-Haunt	https://www.codingblocks.com/	Feb' 2025
Indulged in a Data Science Workshop	https://www.cbgo.live/details	Feb' 2025

EDUCATION

Lovely Professional University   Phagwara, Punjab

Bachelor of Technology Computer Science and Engineering; CGPA: 8.06   Aug' 2022 - May' 2026

DKNP Junior College   Vissannapeta, Andhra Pradesh

Intermediate
MPC; Percentage: 96%   Jun' 2020 – Mar' 2022

Sri Siddartha Educational Institutions   Vissannapeta, Andhra Pradesh

Matriculation
Percentage: 97%   Jun' 2019 – Mar' 2020