

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, Maven
Soft Skills:	Problem-Solving, Team Player, Adaptability, Astute, Quick Learning

PROJECTS

DevHub Java Full Stack Application	Jun' 2025 – Jul' 2025
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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 Siddhartha Educational Institutions	Vissannapeta, Andhra Pradesh
Matriculation Percentage: 97%	Jun' 2019 – Mar' 2020