

Shashank Preetham Pitani

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Technical Skills

- **Programming Languages:** Java, Python, C, HTML and CSS
- **Database:** My-SQL
- **Tools:** MS-Word, Excel and PowerPoint

Project Details

Project Name: Web based graphical password authentication system

Description: Graphical passwords provide a promising alternative to traditional alphanumeric passwords. They are attractive since people usually remember pictures better than words. In this extended abstract, we propose a simple graphical password authentication system. We describe its operation with some examples and highlight important aspects of the system.

Project Name: Housing Vally

Description: Developed a machine learning model to predict house prices based on features such as size, number of rooms, location, and other relevant criteria. The model uses algorithms like Linear Regression, Decision Trees, and Random Forest to provide accurate price predictions. The project involved data preprocessing, feature selection, model training, and evaluation using performance metrics like Mean Squared Error (MSE) and R^2 . The system helps in understanding how different factors influence house pricing, enabling more informed real estate decisions.

Education

Sri Indu College of engineering Hyderabad, Telangana	2021-
2025 B.Tech Artificial Intelligence And Data Sceince	
Sri Gayatri Junior College Hyderabad, Telangana	Percentage: 86% 2019-2021
Inetermediate	
Sri Chaitanya Techno School Hyderabad, Telangana	Grade: 9.2 2018-
2019 Secondary Education	

Achievements and awards

- Course completion certificate from Cisco for completing the "Introduction to Data Science"
- Course completion certificate from Cisco for completing the "Data Analytics Essentials"
- Course completion certificate from Cisco for completing the "Introduction to Cyber Security"
- **Tata Data Visualization: Empowering Business with Effective Insights Job Simulation on Forage - August 2024**
 1. Completed a simulation involving creating data visualizations for TCS
 2. Prepared questions for a meeting with client senior leadership.
 3. Created visuals for data analysis to help executives with effective decision making.

- **British Airways Data Science Job Simulation on Forage - February 2025**

1. Completed a simulation focussing on how data science is a critical component of British Airways' success.
2. Scraped and analysed customer review data to uncover findings.
3. Built a predictive model to understand factors that influence buying behaviour.

- **PwC Switzerland Power BI Job Simulation on Forage - February 2025**

1. Completed a job simulation where I strengthened my PowerBI skills to better understand clients and their data visualisation needs.
2. Demonstrated expertise in data visualization through the creation of Power BI dashboards that effectively conveyed KPIs, showcasing the ability to respond to client requests with well-designed solutions.
3. Strong communication skills reflected in the concise and informative email communication with engagement partners, delivering valuable insights and actionable suggestions based on data analysis.
4. Leveraged analytical problem-solving skills to examine HR data, particularly focusing on gender-related KPIs, and identified root causes for gender balance issues at the executive management level, highlighting a commitment to data-driven decision-making.