

Praneeth Sai Chippa

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OBJECTIVE

Proficient in data analysis with expertise in Python, R, SQL, and advanced Excel. Skilled in creating predictive models, dashboards, and data visualizations to drive actionable insights. Experienced in leveraging statistical and machine learning techniques for problem-solving. Adept at collaborating with cross-functional teams to deliver data-driven solutions.

SKILLS

- **Programming Languages:** Python, R, SQL, Java, C, C++.
- **Business Intelligence Tools:** Tableau, Microsoft Power BI, Microsoft Excel.
- **Data Analysis:** Machine Learning, Data Mining, Statistical Methods.
- **Cloud Technologies:** AWS, DevOps, Microsoft Azure.
- **Tools and Frameworks:** ETL, SQL, Numpy, Pandas, Scikit-learn, Jupyter notebook, PyCharm, Eclipse IDE, SAS, Spring Boot, Spring MVC, Visual Studio code, Dialogflow CX.
- **Web Technologies:** HTML, CSS, JavaScript, NodeJS, MongoDB.

PROFESSIONAL EXPERIENCE

Graduate Assistant- *Midwestern State University, Wichita falls, Texas*

Aug 2023 - Dec 2024

- Conducted predictive analysis on student enrollment trends, identifying a projected 15% increase using Python and Excel.
- Maintained and optimized university databases, ensuring 99.9% uptime and accuracy in records.
- Assisted professors in research activities, contributing to 2 published papers on student retention strategies.

Full Stack Engineering Analyst- *Accenture Solutions Private Limited- Hyderabad, INDIA*

Feb 2022 - Dec 2022

- Designed and deployed scalable APIs for enterprise applications, improving data processing efficiency by 30%.
- Implemented error-resolution protocols using Python and Numpy, reducing system downtime by 20%.
- Engineered a chatbot using Dialogflow CX, increasing client engagement by 25% for an Arabian customer base.

Application Development Analyst- *Accenture Solutions Private Limited- Hyderabad, INDIA*

Aug 2021 – Feb 2022

- Collaborated on the development of RESTful APIs and enterprise systems, enhancing user performance by 15%.
- Utilized Agile methodologies to streamline development workflows, reducing delivery time by 10%.
- Conducted system performance optimization, reducing response time by 25%.

Programmer Analyst Trainee- *Cognizant Technology solutions India Pvt Ltd- Hyderabad, INDIA*

Dec 2020 – Jul 2021

- Participated in debugging and optimization of SQL queries, enhancing database efficiency by 20%.
- Contributed to the development of AngularJS-based user interfaces for web applications.
- Collaborated with SMEs during boot camps, developing foundational knowledge in Java and database systems.

EDUCATION

Masters in Business Analytics (Dec 2024)

Midwestern State University, Wichita Falls, TX, USA

3.9/4.0

- Coursework: Data mining, Data visualisation, R, SAS, Statistics.

Bachelor of Technology in Computer Science (Jun 2021)

Anurag Group Of Institution, Hyderabad, India

9.03/10.0

- Coursework: Data structures and algorithms, Database management, Software Engineering.

CERTIFICATIONS AND ACHIEVEMENTS

- Amazon Web Services Developer – Associate.
- Certified as Microsoft Excel Expert.
- Python for Data Science.
- HackerRank SQL (advanced) certified.
- SQL and Relational Database 101.
- Certified in Oracle Database Programming With SQL.
- Awarded with a merit based scholarship at MSU.

PROJECTS

UK Accident analysis:

- Analysis explores road accidents across the UK, focusing on severity, vehicle involvement, and time-based trends. Built using Tableau with data preprocessing and visualization techniques.

Music Genre Classification:

- Developed a convolutional neural network model for automated music genre classification using Python.
- Utilized machine learning techniques, achieving an 85% accuracy rate on a test dataset of 10,000 samples.

Analysing and Identifying advertisement to the target:

- Designed a recommendation system using content-based filtering to tailor ads to user actions.
- Implemented in Python, increasing ad click-through rates by 18% for the client.