

# BHAVYA PRANILA SATHI

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## EDUCATION

### Northeastern University

Master of Science, Information Systems

Seattle, WA

Expected May 2025

### Jawaharlal Nehru Technological University

Master of Business Administration

Kakinada, India

Oct 2021

### Aditya University

Bachelor of Technology, Computer Science

Kakinada, India

May 2019

## SKILLS

- Programming Languages:** Python, Java, Data Structure and Algorithms, C, Object-Oriented Programming, HTML, CSS, React, MySQL, SQL Server, Oracle, MongoDB
- Statistics & Machine Learning:** Logistic Regression, Linear Regression, Clustering (K-Means), Principal Component Analysis (PCA), Scikit-Learn, Random Forest, Decision Trees
- Data Manipulation, Visualization:** Pandas, NumPy, Matplotlib, Data Modeling, Data processing, Pipelines, Power BI, MS Excel, Tableau
- Product Methodologies:** Agile, Software Development Life Cycle, Budgeting, Resource Allocation, Unit Testing, Problem-solving, Critical Thinking, Code Optimization, Team Collaboration, Stakeholder Communication, Time Management, Debugging Skills, Adaptability, Attention to Detail

## EXPERIENCE

### NORTHEASTERN UNIVERSITY

Seattle, WA

#### Teaching Assistant

Sep 2024 - Present

- Assisted in the preparation and delivery of web development lectures, integrating data science concepts such as data visualization and interactive dashboards, enhancing students' ability to apply data-driven insights in web applications
- Supported students with hands-on projects involving web-based data analytics tools, improving their skills in creating dynamic data visualizations and interactive data-driven web solutions, leading to a 20% increase in project quality and engagement

### TEAMONE TECHIES PVT. LTD

Hyderabad, India

#### Data Engineer, Product Manager

Sep 2021 - May 2023

- Led onboarding and skill development for 16 team members in Data Engineering and Big Data Technologies, improving project delivery timelines by 15% and enhancing team skills
- Facilitated 30 project kick-off meetings, aligning objectives with organizational goals and boosting productivity by 25%.
- Supervised 5 data analysis projects using Data Modeling, ETL processes, and Agile methodologies, increasing project success by 20% and reducing delivery time by 15%

### TEAMONE TECHIES PVT. LTD

Hyderabad, India

#### Data Engineer, Assistant Product Manager co-op

Apr 2020 - Oct 2020

- Collaborated with the manager for task coordination in data analysis, including project planning and schedule/resource tracking, ensuring successful project completion
- Developed and executed project plans for 5 data analysis projects, maintaining data quality and security, and facilitating clear communication

## PROJECTS

### SALES INSIGHTS - BRICK & MOTOR BUSINESS (POWER BI | SQL)

Apr 2024

- Developed a Power BI dashboard to analyze and visualize sales trends of AtliQ hardware goods, showcasing expertise in data visualization and decision support
- Utilized advanced data visualization techniques to extract insights from complex datasets, enabling informed decision-making
- Projected a minimum 7% increase in revenue for the next quarter through actionable insights and forecasting

### T20 CRICKET ANALYSIS (EXCEL | POWER BI | PANDAS | SQL)

Jul 2024

- Implemented an end-to-end data analytics pipeline, leveraging web scraping, ETL processes, and data wrangling in Python (Pandas) to analyze T20 World Cup data for optimal team selection
- Applied statistical analysis and data visualization techniques using Power BI to build interactive dashboards, delivering actionable insights into player performance metrics

### CLOUD RISK MANAGEMENT ANALYTICS AND REPORTING

Apr 2023

- Designed a risk reporting framework categorizing incremental risks associated with a cloud-managed services platform, utilizing skills in Data Engineering and Cloud Platforms
- Identified essential parameters for risk assessment and analyzed data from cloud-native services and third-party tools to determine metric values

## CERTIFICATIONS

- Data Analytics and Visualization Job Simulation by Accenture Apr 2024
- Career Essentials in Data Analysis by Microsoft and LinkedIn Jun 2024