

BHAVYA PRANILA SATHI

Data Engineer | Redmond, WA | 2065353653 | sathi.b@northeastern.edu | <http://www.linkedin.com/in/bhavya-pranila> | <https://pranilamohan.wixsite.com/bhavyaprnila> | github.com/BhavyaPranilaSathi

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
- Career Essentials in Data Analysis by Microsoft and LinkedIn

Apr 2024

Jun 2024