Madire Bharath

Computer Science Engineering Graduate

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GitHub — LinkedIn — Portfolio

Summary

Versatile Computer Science graduate skilled in data analytics, business analysis, and software development. Experienced in building Power BI dashboards, analyzing datasets using Python and SQL, and developing responsive web interfaces. Strong foundation in machine learning, ETL processes, and performance optimization. Adept at delivering data-driven insights, improving workflows, and collaborating with teams to solve complex problems.

Education

Chandigarh University, Mohali — CGPA: 7.1/10.0
Bachelor of Engineering in Computer Science — *2021 - 2025*

Trinity Junior College, Karimnagar — Percentage: 95%
Board of Intermediate Education, Telangana — *2019 - 2021*

Vijetha High School, Khanapur — Percentage: 83%
Board of Secondary Education, Telangana — *2018 - 2019*

Technical Skills

Programming: Python, Java, SQL, JavaScript, HTML, CSS
Analytics & BI: Power BI, Tableau, Excel, MySQL
ML & Data: Pandas, NumPy, Scikit-learn, OpenCV, ETL Pipelines
Tools: Git, GitHub, VS Code, Jupyter Notebook, Figma
Soft Skills: Problem-Solving, Communication, Teamwork, Adaptability

Projects

Recruiter Funnel Optimization & HR Analytics — *Sept 2025 – Oct 2025*
Power BI, Excel, SQL, HR Metrics

- Analyzed recruitment funnel (Application → Screening → Interview → Offer → Joining).
- Built HR dashboards for KPIs like Time-to-Hire, Acceptance Rate & Candidate Conversion.
- Identified bottlenecks and recommended improvements to boost hiring efficiency

Sales Analytics Dashboard — *May 2025 - July 2025*
Power BI, Python, SQL, ETL Processes

- Developed interactive Power BI dashboard analyzing Superstore sales and profit KPIs
- Engineered ETL workflows using Python and SQL for data cleaning and integration
- Optimized SQL queries improving dashboard efficiency by 35%
- Implemented data validation and quality checks ensuring data integrity

AI-Augmented Crowd Behavior Analysis — *2024 - 2025*
Python, Computer Vision, Machine Learning, OpenCV

- Built AI model utilizing Computer Vision to detect abnormal crowd behaviors in real-time
- Enhanced model accuracy through extensive data preprocessing and optimization
- Implemented data pipelines for continuous model training and evaluation

Certifications

SQL for Data Science - University of California, Davis (Coursera) - 2024
Data Analytics Job Simulation - Deloitte (Forage) - 2025
GenAI Powered Data Analytics Job Simulation - Forage - 2025
Principles of UX/UI Design - Coursera - 2024

Achievements

Improved recruitment efficiency by identifying funnel bottlenecks and reducing stage-wise delays.

Built automated HR KPI dashboards that enhanced visibility into Time-to-Hire and conversion performance.

Increased Power BI dashboard performance by 35% through SQL and ETL optimization.

Strengthened data accuracy using systematic validation and automated preprocessing workflows.

Enhanced computer vision model accuracy through targeted preprocessing, feature extraction, and tuning.

Implemented real-time ML pipelines enabling continuous monitoring and anomaly detection.