

HERO BALA

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Professional Objectives:

Analytical and technically skilled junior professional pursuing an M.Sc. in Open Informatics, with hands-on experience in **data analysis, Excel modeling, and Python scripting**. Proficient in using tools such as **SQL, Power Query**, and **advanced Excel** to uncover business insights and support decision-making. Eager to begin a career in **transportation analytics and process optimization**, contributing to international teams with structured thinking, collaboration, and a growth mindset. Open to new challenges in logistics, pricing strategy, and data-driven operations.

Category	Skills
Programming & Automation	Python (Pandas, NumPy, Selenium, requests), HTML/CSS, Basic JavaScript
Machine Learning & AI	Scikit-learn, TensorFlow (basics), Keras (basics), Model training & evaluation, Data preprocessing
Data Analytics & Visualization	ETL with Pandas, Matplotlib, Plotly, Seaborn, Advanced Excel, Learning Power BI & Tableau
Databases	SQL (PostgreSQL), Basic MongoDB & Firestore, Schema design & Querying
Software Development	Flask (Basic APIs), Git & GitHub, Learning CI/CD (GitHub Actions)
DevOps & Tools	Jira, GitHub Issues, Exploring Docker, Jenkins
UI/UX & Deployment	HTML/CSS, Bootstrap, Learning Figma & Tailwind, Firebase & Netlify Deployments

Education:

Pursuing an M.Sc. in Open Informatics at Mendel University in Brno (expected 2025), with a focus on software development, graphic design, machine learning, database management, UI/UX, artificial intelligence, and project management. Previously earned a B.Sc. in Electrical and Electronic Engineering from Bangabandhu Sheikh Mujibur Rahman Science and Technology University, where I graduated with 1st Class, securing 2nd merit position. Recognized with an Academic Achievement Award and actively contributed as a member of the EEE Union.

Academic & Industry Experience:

Previously served as a Lecturer in Electrical Engineering, where I developed and delivered structured learning modules to enhance student engagement and academic performance. I also provided mentorship to students in core technical areas, fostering practical understanding and critical thinking.

In the engineering sector, I worked as a Junior Engineer, contributing to technical issue resolution, process optimization, and internal knowledge-sharing initiatives that boosted overall team efficiency and collaboration.

Personal Interests:

Driven by a passion for solving complex problems through technology and collaboration. I value continuous learning, adaptability, and contributing to team success in fast-paced, agile environments. Outside of technical work, I actively seek opportunities to enhance creativity, strategic thinking, and resilience—traits I bring into every project and team I join.