Mahim Chowdhury Katha

AI & Machine Learning Engineer | Business & Sales Strategist | Reporting & Dashboard Specialist | Entrepreneur

Aftabnagar, Dhaka, Bangladesh
+880 1309 295455
sinthiyakotha870@gmail.com
linkedin.com/in/mahim-chowdhury-katha02
github.com/MahimKatha02
mahim-katha-portfolio.vercel.app

PROFESSIONAL SUMMARY

Machine Learning and Data Science graduate (BSc CSE) with hands-on experience across Computer Vision, deep learning, and full-stack web development, paired with nearly three years founding and scaling two e-commerce brands and current experience in B2B/B2C sales. Delivered ten end-to-end technical projects — from CNN-based image classifiers to a production WordPress plugin — while owning P&L, supplier relationships, and cross-functional teams. Seeking an AI/ML, Data Science, or Software Engineering role where technical depth and business ownership combine to drive measurable impact.

Core Competencies: **Machine Learning** · **Deep Learning** · **Computer Vision** · **Data Analysis** · **Python** · **Full-Stack Development** · **Business Analytics** · **Reporting** · **Technical Documentation** · **P&L Ownership** · **Team Leadership** · **Client & Stakeholder Management**

KEY ACHIEVEMENTS

BDT 8,00,000+ in sales closed within the first month as a remote Sales Representative.

2,700+ customers served with **500+** repeat customers across both brands.

10 comprehensive technical projects delivered, spanning Convolutional Neural Network (CNN) classifiers to a production WordPress plugin.

2 online retail brands built and grown from concept to daily operations since 2023.

BDT 2,50,000 (2.5 lacs) profit generated within the first year of operations.

1 production-ready WordPress/WooCommerce plugin engineered from concept to launch.

WORK EXPERIENCE

Jul 2026 – Present
Remote

Sales Representative (Remote)
Istanbul Hotel and Resort Limited

- Closed **2 sales deals worth a combined BDT 8,00,000** (8 lakhs) within the first month of joining.
- Managed the full client lifecycle from initial outreach through closing, building trust through clear, persuasive communication.
- Addressed client objections and tailored pitches to individual needs, improving conversion of prospective leads.
- Coordinated the complete sales cycle remotely with international clients across multiple time zones.

Sep 2023 – Present
Dhaka, Bangladesh

Founder & Owner
Purple Daze & Arctic Daze — Online Retail Business (Self-Employed)

- Founded and scaled two e-commerce brands from the ground up, owning sourcing, supplier negotiation, inventory, and order fulfilment.
- Served **2,700+ customers**, retaining **500+ repeat buyers**; generated **BDT 2,50,000** profit in year one.
- Architected **Power BI/Excel** dashboards to track monthly P&L, giving live visibility into sales performance and margins.
- Applied sales and demand data to pricing and purchasing decisions, improving inventory efficiency.
- Developed both storefront websites using **React, TypeScript, and Tailwind CSS**, plus a fully tested WooCommerce plugin built for future integration into daily operations.
- Led a small team and owned client communication and negotiations from start to finish.

ENTREPRENEURIAL & BUSINESS STRENGTHS

▸ Venture Ownership & Growth Strategy

▸ Data-Driven Pricing & Procurement

▸ Full-Stack Digital Execution

▸ Profitability & Financial Oversight

▸ Vendor Relationship Management

▸ Customer Engagement & People Management

TECHNICAL PROJECTS

Tomato Leaf Disease Classification *PyTorch, CNN, Grad-CAM*
Trained a CNN-based image classifier to detect tomato leaf diseases, leveraging Grad-CAM to enhance prediction interpretability.
Outcome: Delivered an interpretable diagnostic model with a complete computer vision workflow.

Wall Crack Detection *Python, CNN, Image Processing*
Investigated automated structural defect detection; constructed a CNN-driven feature extraction pipeline with a documented research report.
Outcome: Produced a reproducible research pipeline with documented findings.

Rice Varieties Classification *Python, Scikit-learn*
Engineered a multi-class ML classifier with a full preprocessing pipeline; verified accuracy using confusion matrix analysis.
Outcome: Established a reusable preprocessing-to-evaluation pipeline.

WooCommerce Purchase Notifications *PHP, WordPress, WooCommerce, AJAX*
Built a production-ready WordPress plugin displaying real-time purchase notifications, using AJAX loading, caching, and HPOS compatibility.
Outcome: Finalized a robust, deployment-ready plugin prepared for live e-commerce integration.

Smart Vehicle Parking Finder with Dynamic Pricing *HTML, CSS, JavaScript*
Created a real-time parking search web app featuring occupancy-based dynamic pricing and a responsive frontend.
Outcome: Demonstrated applied full-stack problem-solving with dynamic pricing logic.

Network Simulation Projects *Cisco Packet Tracer*
Designed and simulated enterprise LAN/WAN topologies including VLAN configuration, RIP/OSPF routing, and ACLs.
Outcome: Reinforced enterprise-grade networking fundamentals through simulated topology design.

SKILLS

Programming Languages	**Python**, **JavaScript**, TypeScript, PHP, HTML5, CSS3
AI & Machine Learning	**PyTorch**, **CNN**, Grad-CAM, **Scikit-learn**, Model Training & Evaluation, Dataset Preparation
Data Analytics & BI	**Power BI**, **Excel**, Data Preprocessing, Statistical Analysis, Data Visualization
Web & Full-Stack Dev	**React**, Tailwind CSS, WordPress, **WooCommerce**, AJAX, Motion, TanStack Router, Vite
Business & Leadership	**P&L Management**, Vendor & Supplier Relations, **People Management**, Client Relations
Sales & Marketing	**B2B/B2C Sales**, Client Relationship Management, Negotiation, Remote Sales, Lead Generation, Digital Marketing, Pricing Strategy
Tools & Networking	**Git**, GitHub, Cisco Packet Tracer, VLAN/OSPF/ACL, MS Office, Google Workspace
Languages	Bengali (Native), English (Advanced – Reading/Writing, Intermediate Speaking)

CERTIFICATIONS & COURSES

Completed

Introduction to Python Programming
Bohubrihi, Shikho Technologies — Aug 2025

HTML5, CSS3 & Bootstrap 4
Bohubrihi, Shikho Technologies — Jun 2026

Power BI Dashboard Mastery Bundle
Academy of Business Professionals — May 2026

Introduction to JavaScript
Bohubrihi, Shikho Technologies — Jul 2026

MS Excel Professional Mastery
Mastery PLC — Jun 1–7, 2026

In Progress

Cisco & MikroTik Networking
Ostad Online Learning Platform

Data Science & ML with Python
Ostad Online Learning Platform

Full Stack Vibe Coding using AI
by Projoss

AI & ML Bootcamp
Ostad Online Learning Platform

EDUCATION & TRAINING

Jun 2020 – Apr 2026
Dhaka, Bangladesh

BSc in Computer Science & Engineering (Major: Data Science)
East West University
CGPA: 3.01 / 4.00. Coursework: Machine Learning, Deep Learning, Computer Vision, Data Structures & Algorithms, Computer Networks, Probability & Statistics, Linear Algebra, Discrete Mathematics, Database Systems.

2017 – 2019
Dhaka, Bangladesh

Higher Secondary Certificate (HSC) – Science
Mohammadpur Preparatory Higher Secondary School
GPA: 4.08 / 5.00 — Passed 2019

REFERENCES

Mohammad Akibul Hasan Arman
CEO, Purple Daze · +880 1868 936000 · abarmanoffice@gmail.com

Dr. Md Sawkat Ali
Associate Professor, Department of CSE, East West University · +880 1789 492705 · alim@ewubd.edu