MUBTASIM FUAD OPEE

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CAREER OBJECTIVES

Results-driven Computer Science and Engineering graduate with expertise in Python, C/C++, machine learning, and data science. Completed professional training in Data Analysis with strong skills in Power BI and business intelligence. CCNA certified with a solid understanding of network security and infrastructure. Eager to contribute to innovative projects in AI, data analytics, or software development within a collaborative and growth-focused environment.

EDUCATIONAL QUALIFICATIONS

- **M.Sc. in Computer Science & Engineering**
  Jahangirnagar University
  May 2024 - Running

- **B.Sc. in Computer Science & Engineering**
  Daffodil International University
  CGPA: 3.66
  January 2020 - March 2024

- **HSC in Science**
  Ananda Mohan College
  GPA: 4.50
  July 2017 – June 2019

- **SSC in Science**
  Gouripur R K Government High School
  GPA: 5.00
  January 2012 – June 2017

TECHNICAL SKILLS

Programming Languages: Python, C, C++

Machine Learning & Data Science
- Libraries & Frameworks: NumPy, Pandas, Scikit-learn, TensorFlow, Keras, OpenCV
- Algorithms: Supervised Learning, Unsupervised Learning, Model Evaluation & Optimization
- Data Visualization: Matplotlib, Seaborn
- Tools & Platforms: Google Colab, JupyterLab, Anaconda, Kaggle

Data Analysis & Business Intelligence
- Data Cleaning, Exploration, and Statistical Analysis
- Dashboard Design and Reporting using Power BI
- Business Intelligence & Insight Extraction
- Data-driven Decision Making

Computer Networks
- Cisco Certified Network Associate (CCNA)
- Routing & Switching, Network Security, Infrastructure Configuration

Database Management: MySQL

Web Development
- Frontend: HTML, CSS, Basic JavaScript
- Backend: Basic PHP

Computer Graphics & UI/UX
- 2D Graphics Programming with OpenGL
- Adobe Photoshop, Adobe Illustrator (Graphic Design)
- Adobe XD (UI/UX Design)

Software & Tools
- Microsoft Office Suite (Word, Excel, PowerPoint)
- Google Workspace (Docs, Sheets, Slides)
- IDEs: Visual Studio Code, Code::Blocks, PyCharm, Cisco Packet Tracer

TRAININGS & CERTIFICATIONS

Professional Development

- Cisco Certified Network Associate (CCNA) *BITM (Ongoing | 2025)*
- Data Science and Analysis *Cryzotech (Ongoing) | 2025*
- Real-World Data Science & Machine Learning Projects (2024) *Udemy | 2024*

General IT & Computer Fundamentals

- National Skill Standard Basic (360 Hrs) *Digital Computer Training Centre | 2017*

Graphic Design

- Graphic Design Certification *Signature Mind Institute | 2022*

Language & Communication

- English & Business Communication *Skill Jobs | 2023*

PROJECTS

1. Smart Crop Recommendation System using ANN and ML Models
Role: Machine Learning Engineer
Technologies: Python, Keras, Scikit-Learn, Pandas, NumPy, Seaborn

- Built a smart crop recommendation system using ANN, trained on a 50,000-sample Bangladeshi dataset with environmental and soil features.
- Focused on high-accuracy crop prediction by optimizing the ANN model through preprocessing, feature engineering, and hyperparameter tuning.
- Used Seaborn to visualize feature impacts and model performance for better interpretability.
- Integrated traditional ML models for comparison and validation alongside the ANN-based solution.
- View Project: https://www.kaggle.com/code/mubtasimfuadopee/bd-smart-crop-recommendation-system

2. AdventureWorks Sales Analysis Dashboard
Role: Data Analyst
Tools: Power BI, DAX, Excel

- Designed and implemented an interactive Power BI dashboard based on the AdventureWorks dataset for comprehensive business insight.
- Performed data modeling, created calculated measures using DAX, and applied dynamic filtering for detailed analytics.
- Delivered key visualizations on revenue trends, top-performing products, and regional sales distribution.
- Enabled stakeholders to make informed decisions based on clear, data-driven insights.

3. Cashopia – Personal Finance Management Web App
Role: Frontend Developer
Technologies: HTML, CSS, JavaScript, Chart.js
Tools: VS Code, GitHub

- Developed a responsive finance web app for tracking income, expenses, and budgets.
- Added dark/light mode, multiple languages and currencies, and interactive chart visualizations with customizable date ranges (7–180 days).
- Built modular forms for adding transactions, budgets, and categories, with improved accessibility.
- Live Demo: cashopia.netlify.app

CO-CURRICULAR ACTIVITIES

- Competed in ICPC Programming Contest & DIU-CPC's Take-Off Contest.
- Organized events as a scout leader at National Cub Camporee (Gazipur) and District Scout Rally (Mymensingh).
- Awarded in local/national drawing competitions.
- Captained school cricket team in inter-school tournaments.