

NAJEEBULLAH SHIRZAD

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PROFESSIONAL SUMMARY

Computer Science & Engineering graduate with expertise in data analytics, AI/ML, and cloud computing. Skilled in Python, SQL, TensorFlow, and Microsoft Azure, with hands-on experience in data analysis, machine learning models, and big data processing. Recently completed a bridging program in Cloud Computing & Big Data at Seneca Polytechnic, gaining in-depth knowledge of AI/ML, data analysis, and cloud technologies. Strong background in software development, database management, and business intelligence. Passionate about leveraging AI and analytics to drive data-driven decision-making. Seeking to pursue a Master's in Business Analytics & AI to further develop advanced analytical skills and apply them in real-world business scenarios.

EDUCATION

Ontario Tech University, Oshawa, Canada

Master of Business Analytics & AI (MBAI) | Expected Graduation Sep 2026

Seneca Polytechnic, Toronto, Canada

Bridge to Cloud Computing and Big Data | July 2024

- AI/ML: Supervised & Unsupervised Learning, Deep Learning (DNN, CNN), Azure AI, PyTorch, TensorFlow
- Python Programming: NumPy, Pandas, Matplotlib, Object-Oriented Programming
- Big Data & Analytics: Hadoop, Spark MLlib, Data Visualization, Classification & Clustering
- Cloud Computing: Azure Services (Compute, Networking, Storage, AI Services, Generative AI, OCR, NLP)
- Capstone Project: Handwritten Digit Classification using CNN & DNN Models

Islamic University of Technology, Dhaka, Bangladesh

Bachelor of Science in Computer Science & Engineering | Dec 2019

- Final Year Project: Optimized SQL Query Execution for Large-Scale Databases
- Key Coursework: Database Systems, Data Mining, Data Structures & Algorithms, Machine Learning, Software Engineering

PROFESSIONAL EXPERIENCE

NSIA Afghanistan

Software Developer | Jalalabad, Afghanistan | Nov 2020 – Aug 2021

- Developed an Information Management System for NSIA, improving data accessibility and efficiency.
- Built backend services using Java and MySQL, optimizing database queries for faster data retrieval.
- Implemented front-end components using HTML, CSS, and JavaScript to enhance user experience.
- Integrated secure authentication systems and role-based access control for data security.
- Provided technical support and maintenance, ensuring system reliability and performance.

Technologists, Inc.

IT Associate | Kabul, Afghanistan | Dec 2019 – October 2020

- Provided technical support for end-users, software installations, and system troubleshooting.
- Managed incident logging and tracking using ServiceNow, ensuring timely issue resolution.
- Configured and maintained IT infrastructure, including desktops, laptops, and mobile devices.
- Assisted in software licensing and vendor coordination, ensuring compliance with policies.

TECHNICAL SKILLS

- Programming Languages: Python, SQL, Java, Scala
- Machine Learning & AI: TensorFlow, PyTorch, Scikit-Learn, Azure AI Services
- Data Analytics & Visualization: Pandas, NumPy, Matplotlib, Power BI
- Big Data Technologies: Hadoop, Spark MLlib
- Databases & Cloud: SQL Server, MySQL, Microsoft Azure (Certified)
- Software Development: Web Development (Java, HTML, CSS, JavaScript), API Development

CERTIFICATES & TRAINING

- Power BI for Data Analysts – LinkedIn Learning
- Microsoft Azure Fundamentals (Certified)

- Backend Developer Specialization – Coursera
- Python for Everybody – Coursera
- Big Data and Cloud Computing – Seneca Polytechnic

REFERENCES

Prof. Hossein Pourmodheji

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