**FAWAD MOHAMMED ZAHEER**  17 Willsteven Dr., ON, M1G 1C5

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**SOFTWARE ENGINEER | DATA ANALYST | AGILE METHODOLOGIES**

**SUMMARY**

 Motivated and detail-oriented individual with a strong foundation in software development concepts and hands-on experience in Java, Databases, and Web Development concepts showcasing adaptability and a keen interest in creating exceptional user experiences. Aspiring to leverage my technical skills and problem-solving abilities in a collaborative software development role. Eager to contribute to innovative projects, learn from experienced professionals, and continuously enhance my programming capabilities.

**TECHNICAL SKILLS**

• **Languages:** HTML, CSS, JavaScript, Java(DSA), C#, Python, Kotlin

• **Libraries and Frameworks:** NumPy, Pandas, Matplotlib, Flask, Seaborn, ExpressJS, AngularJS, .NET, NodeJS

• **Databases:** MySQL, Microsoft SQL Server, MongoDB, Firebase, Postman

• **Cloud Services:** Microsoft Azure (ADF, Synapse, Data Lakes, Databricks, Data Pipelines, Visualization), Amazon Web Services

• **Tools:** GIT, Android Studio, Figma, Workflow Engine, MS Office(PowerPoint, Excel, Publisher,

SharePoint)

• **Testing:** Junit, Selenium

• **Workflow Management**: Slack, Jira

• **Methodologies:** Agile, Scrum

**EDUCATION**

**Advanced Diploma in Software Engineering Technology**

Centennial College, Scarborough, Ontario

* Relevant Coursework: Advanced Web Development(UI/UX), Programming 1, 2, 3 (C#), Advanced Database Concepts, PL/SQL, LINUX/UNIX, API Engineering and Cloud Computing, Mobile Apps Development, Software Testing and Quality Assurance, Java, Java EE, Data Lakes, and Data Warehouse.

**ACADEMIC PROJECTS**

**Data Visualization on Bicycle Theft Data August 2023- September 2023**

**Technologies:** Python and PowerBi

* Employed Pandas for data manipulation and NumPy for numerical operations in analyzing bicycle theft data.
* Developed robust models using Scikit-Learn for machine learning algorithms and effective model evaluation.
* Utilized Matplotlib and Seaborn for compelling data visualizations, aiding interpretation.
* Successfully deployed models through Flask, ensuring real-time accessibility and integration compatibility.
* Collaborated for seamless PowerBI integration, enhancing interactive data visualization and decision-making processes.

**Cloud-Based ETL Pipeline with Azure Data Factory May 2023 – June 2023**

(Microsoft Azure Explored)

Designed and implemented an end-to-end ETL pipeline utilizing Azure Data Factory, streamlining data processing:

* Constructed data workflows to seamlessly execute extraction, transformation, and loading (ETL) processes.
* Leveraged Azure Data Factory's dynamic capabilities to manage data pipelines with precision.
* Employed Azure Blob Storage for efficient data staging and Azure SQL Database for optimized data storage.

**COMPETENCIES**

* Strong planning and organizational skills with a team-oriented mindset
* Skills in problem solving and decision-making skills; enjoys technical solution-seeking.
* Attention to detail.
* Advanced Communication Skills.
* Interpersonal skills.