Bilal Noori

nooribil@msu.edu | (517) 402-1516 | Linkedin | Portfolio | Lansing, MI |

EDUCATION

Michigan State University | College of Engineering East Lansing, MI
Bachelor of Science, Computer Science | Minor in Business *December 2026*

WORK EXPERIENCE

Textron Inc Providence, RI
IT Leadership Development Program Intern *June 2025 – August 2025*
- Executed enterprise-scale migration from Azure Synapse Analytics to Databricks, transitioning from traditional MPP data warehouse to unified lakehouse architecture for enhanced data science and ML capabilities

CodePath San Francisco, CA (Remote)
Tech Fellow *January 2025 – April 2025*
- Taught data structures and algorithms to 20-30 students across 5 cohorts, achieving 85% average improvement on technical assessments
- Collaborated with leadership to refine course structure, impacting 900+ summer 2025 cohort students

AAA Life Insurance Livonia, MI
Software Engineer, Automation *May 2024 – August 2024*

- Engineered Python script with REST APIs to extract UiPath Orchestrator data, reducing collection time by 75% while processing 200+ daily records
- Built PowerBI dashboard providing real-time insights for executives, eliminating 85% of manual processing and saving 20 hours weekly

Project Manager, Salesforce
- Led daily stand-ups, sprint planning, and retrospectives resulting in reduced call selector slowness by 75% on the Salesforce platform and boosted task completion rates through agile process improvements

PROJECT EXPERIENCE

Data Warehouse & Analytics **GitHub**
Developer *May 2025*
- Architected end-to-end data warehouse using medallion architecture to consolidate multi-source CSV data into SQL Server
- Designed dimensional data models and developed automated ETL pipelines with data cleansing, validation, and star schema views optimized for analytics
- Implemented robust data quality framework with business rule enforcement and error handling across 6+ source tables

Microsoft x AAA Life Insurance Livonia, MI
Developer/ Team Lead *August 2024*
- Led team to win Microsoft x AAA hackathon building AI-powered enterprise search tool, decreasing retrieval time by 90%
- Integrated solution into Microsoft Teams, enabling 900+ employees to search company documents within their workflow

TECHNICAL SKILLS
- Tools: Azure, Apache Spark, Jira, Swagger UI, Pandas, Microsoft Power Platform, Microsoft SQL Server
- Languages: Python, C++, JavaScript, SQL, HTML, CSS, C, Assembly
- Certifications: Databricks Fundamentals, Databricks Data Engineering, CodePath Leadership