Shabbir Abedi

416-485-7776 | Shabbir1065@gmail.com | Portfolio | LinkedIn | GitHub

EDUCATION

York University   Sep. 2021 – Dec. 2025
Bachelor of Science in Honors Computer Science (3.4 GPA)
- **Relevant Coursework:** Information Networks, Data Mining, Software Design, Algorithm Design and Analysis
- **Best Entrance Award Recipient** *(This award (value of $1000) is given to those who have demonstrated an entrepreneurial track record, shown leadership in creating a new initiative, and provided evidence of their entrepreneurial initiatives and interests Award)*

EXPERIENCE

DevOps Engineer Intern | *.NET, C#, Angular, TypeScript, Python, SQL*   Jan. 2025 – Present
SOTI   *Mississauga, ON*
- Redesigned the DevOps Portal home page using Angular and TypeScript, improving UI consistency and user experience
- Built .NET backend integration to automate ingestion of monthly newsletters by retrieving .msg files from a GitHub repo, converting them to HTML, and exposing via REST API
- Migrated over 30 Jenkins pipelines to new server images (Windows Server 2016 to 2022 and Ubuntu 20.04 to 24.04) by updating Jenkinsfiles, resolving compatibility issues through log-driven debugging, and collaborating with DevOps teammates to ensure a modern, maintainable build environment
- Prototyped a Docker error detection tool in Python integrated with Zabbix for proof-of-concept alerting laying the groundwork for a future centralized logging and monitoring solution

Software Engineer Intern | *Python, Azure, Terraform, JavaScript, SQL*   May 2024 – Aug. 2024
Manulife   *Waterloo, ON*
- Delivered a fast, automated system for credit card redaction, reducing the risk of exposure and preventing security audit issues by eliminating manual intervention
- Developed and deployed Python-based, serverless Azure Functions to automate text recognition and redaction of credit card information using Azure OCR and PII processing for secure document handling
- Collaborated with the Cloud team to deploy Azure Function Apps, Storage Accounts, and Key Vaults, ensuring secure and efficient handling of sensitive data
- Managed infrastructure with Terraform, ensuring efficient infrastructure deployment
- Wrote unit tests with PyTest to ensure proper encryption and secure handling of files in the system

PROJECTS

PIAS Games | *React, Tailwind CSS, Spring Boot, Supabase*
- Built a full-stack ecommerce platform, facilitating the sale and management of video games
- Implemented secure user authentication and profile management using JWT, enhancing user security
- Created an admin dashboard with role-based access control, streamlining user and inventory management
- Engineered a dynamic shopping cart and seamless checkout process, enhancing user convenience and facilitating secure purchases
- Utilized Supabase for scalable product image storage, improving media handling efficiency
- Collaborated with a team of developers using Git, fostering a collaborative and efficient development environment

Financial Planner Website | *MongoDB, Express.js, React.js, Node.js, JavaScript, HTML5, CSS3*
- Developed a full-stack web app for managing personal finances, allowing users to track and visualize their data
- Built a responsive user interface using React.js, ensuring an intuitive user experience
- Employed Node.js and Express.js for backend development, handling API requests and database interactions
- Designed the application architecture and deployed it on a live server

TECHNICAL SKILLS

Certifications: AWS Certified Cloud Practitioner
Programming Languages: JavaScript/TypeScript, Python, Java, C#, C, SQL, HTML5, CSS3
Frameworks and Libraries: .NET, Angular.js, React.js, Node.js, Express.js, Spring Boot, Tailwind CSS
Databases: MongoDB, PostgreSQL, Supabase
Tools and Platforms: Git, Terraform, Azure, Postman, JUnit 5, PyTest