Benedict Halim

+1(647)-819-5673 | benh.050303@gmail.com | linkedin.com/in/benedict-halim | https://shido-3.github.io/Portfolio/

EDUCATION

Wilfrid Laurier University — Sep. 2021 – Oct. 2025
Honours Bachelor of Science in Computer Science, Minor in Economics — *Waterloo, ON*

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals
Able to describe cloud concepts, Azure architecture and services, and Azure management and governance

EXPERIENCE

Software Engineer – Cloud & Data Systems | *T-SQL, Python, Azure* — Jan. 2025 – April 2025
Solucore — *Mississauga, ON*

- Built 20 optimized T-SQL stored procedures/functions in SQL Server Management Studio (SSMS) with indexing to improve query efficiency
- Developed and deployed an Azure Function with 20 Python functions via ODBC to automate SQL execution in the cloud
- Connected an Azure Function to a ChatBot via HTTPS, enabling clients to access personalized data through simple queries
- Delivered an end-to-end solution across SSMS, Azure, and Python, working independently with mentor oversight

Software Engineer – Data Platforms | *T-SQL* — May 2024 – Aug. 2024
Solucore — *Mississauga, ON*

- Developed 15+ T-SQL stored procedures and functions in SSMS to streamline client data retrieval for future chatbot integration
- Applied database administration best practices, including naming conventions and normalization to ensure maintainable, scalable database assets
- Enabled faster client information access by preparing database objects for integration with Azure Functions and future automation
- Created Telerik Reporting solutions with customized templates and integrated SQL data sources, enabling stakeholders to access real-time insights for data-driven decisions

PROJECTS

MERN-GPT | *MongoDB, Express, React, Node.js*

- Built a full-stack ChatGPT clone using the MERN stack with TypeScript and Material UI for a modern, responsive interface
- Integrated the OpenAI API to deliver real-time, conversational AI responses
- Designed and connected a MongoDB database with Mongoose to store user profiles and chat history for persistent sessions

TECHNICAL SKILLS

Languages: T-SQL (Transact-SQL), Python, TypeScript/JavaScript, HTML/CSS
Frameworks/Libraries: React, Django, Flask, Material-UI (MUI)
Developer Tools: SQL Server Management Studio (SSMS), Azure, Git/GitHub, MongoDB

VOLUNTEERING

Vice President of Events — June 2024 – Jan. 2025
UX Laurier — *Waterloo, ON*

- Planned and oversaw major club events, including the annual Designathon with 300+ participants and a $5,000 prize pool
- Managed event logistics (venue, catering, setup, and team coordination) to ensure smooth execution
- Secured partnerships with companies and organizations to enhance event quality and attendee experience
- Delegated tasks to a team of directors, driving timely completion of responsibilities and fostering collaboration