







Maaz Hashmi

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SKILLS

Languages: Python, Java, JavaScript/TypeScript, C, SQL

Frameworks: React (Native), Angular, Django, Next.js, Node.js, Express.js, Flask, SpringBoot

Databases: MySQL, PostgreSQL, MSSQL, SQLite, MongoDB

Tools: Git, Docker, Databricks, Kubernetes, Azure, AWS, Terraform, GitHub Actions, Maven, Jenkins, Jira, LaTeX

WORK EXPERIENCE

Software Developer

Aug. 2024 – Present

Electric Mind — Business and Technology Consulting

Toronto, ON

- **Gore Mutual** — *Django, SQL, Azure, Databricks*
 - * Developed a **Master Data Management** system automating data ingestion, cleansing, and role-based approvals, reducing client's data management overhead by **30%**.
 - * Successfully delivered a production-ready application within a tight **3** month timeline while adhering to agile practices.
- **IMCO** — *Liquibase, Azure DevOps, SparkSQL*
 - * Designed and implemented automated schema deployment framework optimizing database migrations and improving the team's deployment efficiency by **20-30%**.
 - * Efficiently engaged with the client's **QA/DevOps** teams while refining the framework to align with their critical pain points and facilitated multiple well-received demos.
- **RBC** — *Angular, SpringBoot, Elasticsearch*
 - * TBD

Software Developer Co-op

Jan. 2023 – Apr. 2023

Royal Bank of Canada — *Java, SpringBoot, Maven, Jenkins, JIRA*

Toronto, ON

- Enhanced existing **SpringBoot** APIs powering mainframe verification and transactions at over **4000** RBC ATMs.
- Resolved **22** critical security vulnerabilities in the codebase caused by **Maven** dependencies, twice as fast as estimated.
- Performed successful migration of legacy **SpringBoot** applications from **Java 8** to **Java 17** by rewriting incompatible code components into new syntax and updating sub-dependencies.

Software Engineer Co-op/Part-Time

Jan. 2022 – Dec. 2022

University Health Network — *Python, MSSQL, ReactJS, PHP, LaTeX*

Toronto, ON

- Developed an automated **ETL** pipeline to transform custom clinical survey results into a normalized data model in **pandas** to enable standard data visualization practices.
- Proactively increased the team's productivity by writing reusable scripts for generating clinical result reports.
- Commended by the team's manager for exceeding expectations and invited back as a part-time **Python** developer.

RELEVANT EXPERIENCE

Langchain Open Source Contribution

Sep. 2023 - Dec. 2023

Popular LLM Library with over **88K** stars — *Python*

- Expanded language support in **Langchain** within the LanguageParser module to enable **Retrieval Augmented Generation (RAG)** with source code files in **12** programming languages.
- Pull request reviewed and accepted within **2** months and merged into version **0.1.17**.

Scholarly

Jan. 2023 – Apr. 2023

Real-time online tutoring application powered by **WebRTC** — *Next.js, Node.js*

- Implemented a production-ready **Stripe** payment system with asynchronous processing via **webhooks**.
- Deployed the application using **Docker** and **Amazon Lightsail**, with **LetsEncrypt** TLS certificates.

EDUCATION

University of Toronto - Honors Bachelor's of Science

Sep. 2020 – Jun. 2024

Major in Computer Science — *Specialization in Software Engineering Stream*

Toronto, ON

- **Teaching Assistant** – *CSCC09, CSCC01, CSCB07, MATA32, MATA33, MATA34, MATA36*
Conducted weekly tutorial sessions with over **30** students covering concepts in **software engineering**, **object oriented programming** and **web development** using **Java**, **ReactJS**, **Node.js**, etc.