

HASHMEET SINGH SAINI

SOFTWARE DEVELOPER

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[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

PROFILE SUMMARY

I am a dedicated software developer with 3 years of experience in developing web applications with Node.js, React.js, Express.js and Next.js. Honed skills in various technologies with a relentless drive to code and script efficiently, methodically and reliably.

EDUCATION

Seneca Polytechnic, Toronto
Advanced Diploma-
Computer Programming
and Analysis
Graduated: August 2024
GPA: 4.0/4.0

TECHNICAL SKILLS

Languages

C/C++ | Python | Java |
JavaScript | TypeScript |
PowerShell | Bash Scripting
| Swift

Web Dev

React.js | Vue.js | Node.js |
Express.js | Next.js | HTML
| CSS | Tailwind | Bootstrap
| jQuery | Jest | Hurl

Database

MySQL | MongoDB |
PostgreSQL | DynamoDB |
S3 | PL/SQL | SQLite |
SSMS

App Dev

Xcode | Core Data |
Storyboard | Android
Studio | Room DB | IntelliJ
| Scene Builder | JavaFX

Others

Docker | GitHub Actions
CI/CD | Azure | AWS |
Unix/Linux | Agile | Git
| Power BI | RobotC | Figma

CAMPUS INVOLVEMENT

Peer Mentor Volunteer
(04/2022- 01/2023)
Student Ambassador
(09/2022-12/2022)

PROFESSIONAL EXPERIENCE

Seneca Polytechnic, Toronto, ON 03/2023 - Present
Research Assistant- Part-time
QuillSoft Web Development Team

- Designing and developing a literacy web app for over **300 illiterate users**
- Using **React.js, Node.js and Tailwind**, increasing development **speed by 20%**
- Managing **MongoDB** database with **Docker Image**, handling over **2000** records
- Deployed on remote server maintaining **99.9% uptime** using **GitHub Actions' CI/CD**
- Actively designing and modifying system conforming to **Agile SCRUM** workflow
- Exhibiting prime **team collaboration** and **communication** proficiency by interacting with clients weekly to assess their requirements, present progress reports and retain feedback

Seneca Polytechnic, Toronto, ON 03/2023 – 02/2024
Research Assistant- Part-time & Co-op
Andorix Data Lake Team

- Prototyped an **AWS data lake** for managing data from buildings with **250+ IoT devices** and **ticket data** improving **processing time by 30%**
- Performed **ETL** to deliver a **PowerBI** dashboard report for ticket data over **600 GB**
- Used **SSMS** to perform comprehensive research on client's **database over 1TB** in size
- Held regular Q and A rounds with clients to analyze requirements and problems

Ministry of Public and Business Service Delivery, Toronto, ON 09/2023 - 12/2023
Automation Developer- Co-op
Data Center Operations Team

- Wrote a **PowerShell** automation script reducing **Azure VM Charge analysis time by 60%**
- Wrote a **Python** script automating VM right-sizing alerts for **1000+ ministerial VMs** resulting **CAD \$500,000+ annual savings**. It drew information from **SQL** database and **Azure advisor API**
- Resolving more than **10 Azure related tickets daily** maintaining **98% resolution rate**

PROJECTS

Resort Reservation Manager

- Multithreaded **MVC Java** Application for Resort Reservation Management
- Used **Scene Builder** to support multiple views with data storage using **SQLite**
- Demonstrates various **OOP** strategies with an efficient class design

Fragments Microservice

- **CRUD API** for storing and converting text, application and image files in various formats.
- Deployed on **AWS ECS** with images from **ECR** and supports configurable environments using **Docker Compose**
- Includes **unit** and **integration tests** and **CI/CD** pipeline using **GitHub Actions**

ArtLusion Website

- Used **Next.js** to build frontend over Metro Art's APIs and host it on **Vercel**
- Allows searching artwork based on title, type, paint and more.

References available upon request.