

# ZOHRATUL ZANNAT

Toronto, ON | 647-803-4679 | [zohra.5624@gmail.com](mailto:zohra.5624@gmail.com)  
<https://www.linkedin.com/in/zohratul-zannat>

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## SUMMARY OF SKILLS

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- Experienced Software Developer with a background in Software Development, QA/Testing and IT Support.
- Knowledgeable in web app development, mobile app development, and automation testing.
- Excellent interpersonal and communication skills.
- **Programming:** C#, Java, Python, SQL, JavaScript, HTML/CSS, Kotlin, Unix/Linux Shell Script
- **Frameworks/Libraries:** Node.js, Express.js, React, Typescript, Curam, Spring Boot, .NET
- **Tools:** GitHub, GitLab, Jira, Visual Studio Code, Android Studio, Microsoft Office
- **Testing Tools:** Katalon Studio, Selenium, Cucumber, TestNG, JUnit
- **Cloud/Platforms:** Azure, AWS, Docker

## EDUCATION

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**Software Engineering Technology, Advanced Diploma**  
Centennial College, Toronto, ON

Sept 2021 - 2024  
GPA: 4.2/4.5

### *Courses:*

Java, C# Programming	API Engineering & Cloud Computing	Web Development
Databases (SQL)	Unix/Linux Operating Systems	Enterprise Sys Integration
Mobile App Development	Data Warehouse & Predictive Analytics	DevOps Implementation

## WORK EXPERIENCE

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**Software Developer**  
*Combosoft Ltd.*

April 2025 - Present

- Currently building and maintaining an email integration microservice for a multi-tenant inventory management system using Node.js, Express, and Zoho Mail APIs.
- Integrating the service with a MERN-based backend and managing transactional email data using MongoDB, alongside a PostgreSQL-powered inventory system.
- Collaborating on debugging, QA testing, and validation of email delivery functionality across multiple client environments.
- Documenting microservice architecture and supporting deployment workflows.

**Junior Software Engineer (Co-op)**  
*Government of Ontario, Toronto, ON*

Sept 2023 - Dec 2023

- Conducted accessibility testing for websites using various tools and technologies, including Axe DevTool, WAVE, Color Contrast Analyzer, and NVDA screen reader, in compliance with AODA
- Conducted automation testing using Selenium, TestNG, and the Curam framework to ensure the functionality, performance, and reliability of web applications.
- Performed regression testing and assessed the overall quality of web applications.
- Executed automated test cases and identified defects, helping to ensure that issues are identified early in the development process.

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## Technology Lab Facilitator (Co-op)

Jan 2023 – Apr 2023

*George Brown College, Toronto, ON*

- Assisted students and faculty with software installation, troubleshooting, and other IT technical issues, providing guidance and support as needed in use of equipment, tools and software
- Maintained accurate and up-to-date management records of students' progress in the lab
- Managed and supervised computer lab operations, ensuring equipment was properly maintained and available for use, as well as one-on-one support to students using the computer labs

## Game Tester (Freelance)

Sept 2021 - Present

*PlaytestCloud, Berlin, Germany (Remote)*

- Test various game elements, including graphics, sound, animations, and gameplay mechanics, using the PlaytestCloud platform for quality and consistency.
- Provide feedback on user experience, playability, and technical issues, identifying bugs and areas for improvement.
- Report detailed findings to developers, helping to optimize game functionality and user interaction, and suggest improvements

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## ACADEMIC PROJECTS

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### HealthPredict Web App

Built an interactive web app using JavaScript, Node.js, React, and MongoDB to manage patient data. Integrated REST and GraphQL APIs and applied TensorFlow to generate health predictions from vital data.

### OntarioBloodBank Application

Developed a cloud-based C#/.NET 8 application that tracks real-time blood stock data across Ontario. Used AWS ECS, DynamoDB, and Google Apigee for scalable service architecture.

### ML Algorithm for Auto-Theft Prediction

Created a machine learning model using Python and Flask to predict auto-theft locations based on open datasets. Deployed the model as an API and integrated it into a broader application workflow.