

# ANNAS ISA

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## Skills

- Java, Python, JavaScript
- SQL, PHP, Git, Jira
- MySQL, MongoDB
- Android Studio, jQuery
- Express.js, Node.js, React
- Bootstrap, Phaser.io
- Requirements Gathering
- Process Improvement
- Documentation
- Quality Assurance
- Communication
- Agile/Scrum

## Experience

**Software Engineer/Information Technology Instructor**, 08/2021 to Current

**Leadway Mission** – Winnipeg, MB

- Collaborated with a team of 6 Engineers to lead weekly training sessions with over 20 youth (10-15y) in fun, challenging programming exercises.
- Developing MentorConnect, a mentorship application (like LinkedIn) in Golang and Next.js, with the microservices architecture that is dockerized and integrated with cloud services such as MongoDB for increased scalability.
- Improved MentorConnect security by integrating with authentication providers such as Firebase and Okta.
- Enhance the mentorship experience on MentorConnect by implementing a regulated API-powered in-app messaging system between mentor and mentee using Firebase and MongoDB.

**Zambisa Warrior**, 05/2021 to Current

**Personal Project**

- Developed web-based platformer game using phaser.js game engine.
- Integrated a MySQL database to introduce and manage application state persistence.
- Implemented Java based REST-API layer using the Spark Micro-Framework.
- Developed a user management system by persisting data to MySQL tables and performing CRUD operations through a Java API.

**Software QA Tester**, 05/2022 to 11/2023

**RocketRez** – Steinbach, MB

- Conducted rigorous testing to identify weaknesses in platform and operations, recommending solutions and improvements.
- Represented customer needs to ensure product simplicity, intuitiveness, and functionality during feature releases.
- Created and executed test plans and cases from user stories, workflows, and specifications, participating in regular regression test runs.

## **Education**

**Bachelor of Science:** Faculty Of Science, 10/2021

**University of Manitoba** - Winnipeg, MB