

ROSA REZAEI

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PROFESSIONAL SUMMARY

Software Engineer with 3 years of experience in designing and developing scalable, cloud-native web services. Experienced in **AWS, Java, Python, and SQL**. Proven ability to build resilient systems and optimize performance in distributed environments. Passionate about delivering efficient, and trustable solutions that go beyond traditional ways.

WORK EXPERIENCE

TTT Studios | [site](#) November 2023 – Present
Vancouver, BC – Spring Boot, AWS, Postgres, Python, Typescript

Tech Lead February 2025 – Present

- Currently leading a team to deliver a financial reporting application, focusing on transaction accuracy and complex calculations by closely collaborating with stakeholders and operations.
- Refactored and optimized spreadsheet processing by implementing a token-based algorithm with robust label mapping, improving accuracy by 97% and processing time by 86%
- Facilitating break down of features, allocating tasks and balancing short-term goals with long-term maintainability and scalability.
- Serving as a liaison between business stakeholders and technological teams
- Empowering developers to maintain consistency across codebase, reduce code smells, and follow REST principles.

Software Engineer November 2023 – February 2025

- Collaborated on microservices for a credentialing system, processing 500,000+ verification calls and yielding 135M+ updates annually.
- Helped lead development of payments and orders feature using AWS, Spring Boot and Python.
- Utilized Terraform for infrastructure provisioning, improving scalability and maintainability.

GrainFox | [site](#) April 2022 – August 2022

Remote – Vue.js, Django, MySQL

Software Engineer

- Developed frontend and backend of a data-driven platform serving over 4000 customers with 1500 monthly sessions.
- Partnered with product managers and designers to develop features, meeting 100% of specifications within deadlines.
- Delivered a dashboard feature highly rated by stakeholders.
- Enhanced user experience by testing across browsers, optimizing database queries, and implementing caching to minimize load times.
- Demonstrated strong teamwork skills by actively participating in sprint planning, code review, reporting issues and discussing technical requirements for features.

TTT Studios | [site](#) September 2021 – April 2022

Vancouver, BC – Python, TensorFlow, DASH

Data Scientist/ Machine Learning Engineer

- Designed an automation system utilizing TensorFlow, reducing orthotics creation time by an estimated 70% through optimized data processing and ML models.
- Developed a desktop visualization tool, enabling interactive 3D data analysis and predictive modelling.

EDUCATION

University of British Columbia

Bachelor of Science in *Computer Science & Genetics* - Integrated Science

- Courses: Computer Systems, Data Structures & Algorithms, Internet Computing, Software Construction, Data Science

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, Typescript, SQL, HTML, CSS

Frameworks: Spring Boot, Django, Node, Angular, React, TensorFlow, JUnit, jest, NumPy, pandas

Other: AWS, Azure, Terraform, Docker, Git, REST, Agile, documentation

Interests: Basketball, Genetics, Hiking, Sudoku, Piano, Finance