

Tenzin Pelletier

Software Engineer

 [GitHub Profile](#)  [Portfolio Site](#)  [LinkedIn Profile](#)  t2pellet@uwaterloo.ca  +1 514 570 4380

Education

•University of Waterloo

Bachelor of Science in Computer Science

Current GPA: 3.4/4.0

August 2019 - December 2023

•Marianopolis College

Diplôme d'études Collégiales in Pure and Applied Sciences

GPA: 3.8/4.0

August 2017 - June 2019

Relevant Coursework:

Object-Oriented Programming, Data Structures, Design Patterns, Intro to Game Design, Agile Software Management, Software Specification and Analysis, Computer Interfaces, Human Computer Interaction (in progress), Computer Networks (in progress)

Skills

Areas of Interest: Front-end Development, React.js Development, Full-stack Development, Web Development

Languages: TypeScript/JavaScript, Node.js, Java, C#, Kotlin, C/C++, , HTML/CSS, L^AT_EX, postgresSQL

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Clerk.js, Redux, Spring Boot, JUnit, Selenium, Appium, Jest, React Testing Library

Tools: Unity, IntelliJ IDEA, WebStorm, Rider, Unix Shell, Git

Soft Skills: Problem Solving, Time Management, Independent Learner, Debugging

Personal Projects

•Metalworks

A full-stack web application allowing nearly-free FoundryVTT hosting on DigitalOcean

- Employed knowledge of UX interface design and development
- Implemented consumer auth with Clerk.js
- OAuth integration with DigitalOcean for easy hosting
- Technology used: *TypeScript, JavaScript, React.js, Next.js, Express.js, Clerk.js, Node.js, PostgreSQL, Git*

•Strawgolem

A Minecraft Java mod for Forge and Fabric that adds a farming golem

- Employed data structures such as OctTrees to efficiently track crops in 3D space
- Employed knowledge of game design, optimizing UX, sounds, etc.
- Technology used: *Java, Maven, Fabric API, Git*

Experience

•Vivid Seats

Software Engineer

January 2023 - August 2023

Remote

- Developed full-stack web/mobile applications with TypeScript, React.js, Next.js, React Native, Express.js
- Researched and implemented consumer auth in React Native with Amazon Cognito and AWS Amplify
- Implement front-end features such as user geolocation on the web application using React.js and Express.js

•Lifion by ADP

Software Developer

May 2022 - August 2022

Remote

- Developed front-end web applications using JavaScript, React.js and Redux
- Maintained and improved user sign in flow and account pages
- Maintained test cases with Jest and Enzyme

•Bunch.live

Game Developer

September 2021 - December 2021

Remote

- Developed mobile games using Unity, C#
- Implemented support for encoded GIFs in Bunch Party

•Paramount Commerce

Java Developer

January 2021 - April 2021

Remote

- Developed full stack web applications with Java, Spring Boot
- Introduced mobile test automation with Appium, JUnit
- Maintained unit tests in Selenium, JUnit, Appium