

TECHNICAL SKILLS

Languages	JavaScript, TypeScript, HTML5, CSS3, GraphQL, SQL, Python3
Developer Tools	Jest, Git/Github, Postman, VSCode, Figma, Zeplin, Latex, Jira, Android Studio, Unity
Front-end	React.js, Vue.js, Next.js, Redux, Django, Cypress, Bootstrap, Material UI, Ant Design
Back-end	Node.js, Express.js, AWS (Amplify, AppSync, Lambda, Cognito, API Gateway, EB, EC2, RDS)
Databases	PostgreSQL, MySQL, MongoDB, SQLite3, Firebase

WORK EXPERIENCE

- 2021 | **Software Developer & Quality Assurance Co-op, EVENSET**
JavaScript (Vue2, Vue3), HTML, CSS, Ant Design, Cypress, Jira, Zeplin
- Worked with Action Against Hunger Canada in Agile environment to aid malnutrition data collection
 - Implemented responsive pages and components using Ant Design following UI/UX designs
 - Took initiative and refactored old login page for consistency and to better fit Zeplin design
 - Devised and wrote automated end-to-end tests using Cypress to ensure quality of UI/UX
 - Tracked work and bugs using Jira to communicate with team and focus on results
 - Actively communicated successes and blockers during standups and sprint reviews/plannings
- 2022

EDUCATION

- 2018 | **Bachelor of Engineering, Software Engineering, MCMASTER UNIVERSITY**
- Achieved cumulative grade-point average of 3.9 on 4.0 scale
 - Invited to Golden Key International Honour Society for achieving top 15% in the program
- 2023

PROJECTS

- 2022 | **PrettyPets, FULL-STACK, PERSONAL**
Typescript (React.js), HTML, CSS, Node.js, and AWS (Amplify, AppSync, Lambda, Cognito), Ant Design
- Built maintainable components to allow users to view, manage, sort, and care for collectable pets
 - Designed GraphQL schema in AWS AppSync to store user info, pet stats, and timed pet activities
 - Utilized AWS Lambda for complex mutations, strengthening Node.js and serverless development
- 2022 | **Farming Matters (Software Engineering Capstone Project), FULL STACK, COLLABORATIVE**
JavaScript (React.js), Express.js, Node.js, MySQL, Firebase, and cPanel
- Worked with McMaster Professor Dr.Yiannokoulis, gaining experience developing for clients
 - Created web-based game to mask psychological study and gather more authentic data
 - Extracted specifications and constraints, received feedback weekly, and discussed potential problems and solutions following year-long iterative and incremental software development
- 2023
- 2023 | **LoLGuess, FULL STACK, PERSONAL**
TypeScript (Vue3), HTML, CSS, and AWS (Amplify, AppSync, API Gateway, Lambda, Cognito, Route 53)
- Implemented responsive UI displaying game options, game play, leaderboard, profile, and supporters
 - Conceptualized GraphQL schema to track user guess history and site leaderboard
 - Created and consumed REST API using AWS Lambda with API Gateway for game generation and play
- 2023 | **Nay or Yay, FULL STACK, PERSONAL**
JavaScript (React.js - Next.js), Redux, Express.js, Node.js, HTML, CSS, PostgreSQL, AWS (EB, EC2, RDS, Cognito)
- Setup Node.js app serving responsive React.js front-end to run on EC2 instance through EBS
 - Designed schema for PostgreSQL database hosted on RDS to store categories, questions, and answers
 - Strengthened front-end skills with reusable components, and AWS experience without using Amplify