



Experience

Software Engineer

Toolbx | 09/2022 - 12/2022

- Worked on full stack development, developing over 50 new features for our web apps using TypeScript, React, GraphQL, and Postgres, resulting in a significant increase in users
- Led front-end development during a large project with a tight deadline, developing over 20 features in under a month
- Wrote automated unit tests for all new features created and updated various tests across the platform, covering over 200 test cases
- Contributed to the documentation of code, processes, and procedures on Confluence

Software Developer

Loopio | 01/2022 - 05/2022

- Collaborated in an agile team to develop and maintain features for our full stack web app, catering to a user base of over 2000 clients, utilizing Javascript, React, PHP, and MySQL to enhance the app's functionality
- Restructured a large component of our codebase, refactoring over 350 files to enhance scalability and modularity
- Created test automation for all new features to ensure over 95% test coverage using Jest
- Implemented code for performance metric gathering to gauge usage of new and changed features

Software Engineer in Test

Ontario Die | 05/2021 - 09/2021

- Managed and refined a comprehensive test suite in C# and Selenium, encompassing over 500 test cases
- Developed test cases and improved test plans, resulting in a 30% reduction in testing time and 20% increase in test coverage
- Provided QA and user input in design meetings, and provided feedback to developers during scrum planning
- Worked overtime to resolve issues and meet tight deadlines, resulting in a 100% on-time release rate

QA Intern

Tilr | 01/2020 - 05/2020

- Conducted unit and regression tests for mobile and web applications, serving a user base of over 10,000 mobile users and supporting over 100 company clients on the web platform
- Built up our automation test suite using Jest, Cypress, and Appium, adding 80+ new test cases to cut down regression testing time by 50%
- Provided QA input and feedback to other developers frequently in an agile team following daily stand-ups, 2-week sprints, and monthly releases

Skills

Languages: JavaScript, Typescript, HTML, CSS, PHP, C#, SQL, GraphQL, Python, Java, C/C++

Databases: MySQL, PostgreSQL, MongoDB

Frameworks: React, Express, Node, Jest, Selenium, Appium, Cypress,

Tools: GitHub, Bitbucket, Docker, Jenkins, CircleCI, Jira, Asana, Confluence

Education

University of Waterloo – Bachelor of Applied Science in Computer Engineering

- Relevant coursework: Computer Architecture, Networks, Databases, Cybersecurity, FPGA, Microcontrollers