William Zhao

williamz7388@gmail.com | (647) 551 4258 | Toronto, Canada | LinkedIn: william-zhao2

WORK HISTORY

Software Developer   Jan 2025 – Present
Scotiabank   Scarborough, ON

- Developed comprehensive test cases covering field validation, mapping, and end-to-end testing.
  - Collaborated with design teams to implement tests with 100% code coverage.
  - Tracked error reports and pipeline defects using **Splunk**.

- Actively participated in agile ceremonies, collaborating with cross-functional teams to resolve issues and drive continuous improvement, while consistently documenting and tracking progress using **Jira** and **Confluence**.

- Experience with API testing and database validations.
  - Delivered JSON data to IST and UAT environments using **Postman**.
  - Monitored **MongoDB** data flow using **Elasticsearch** and **Argo CD**.

Software Engineer   May 2022 – Sept 2023
ePIC Blockchain   North York, ON

- Developed Blockchain ASIC software, created and improved Miner API using **Rust**.
  - Added discrete and real-time hashrate calculations using data collected from ASIC miners.
  - Implemented **RESTful API** features that allows pushing and pulling data from various sensors on the miner, such as network info, hashrate, and temperatures.

- Designed and built front-end UI for ASIC miners using **Electron**, **React.js** and **MaterialUI**.
  - Modified elements on webdash and dashboard using customer feedback to increase usability and accessibility.
  - Ensured webdash supports backwards compatibility with older ASIC miner models.

- Disassembled ASIC miners for testing and debugging by diagnosing dead hashboards and reassembling working machines to be delivered to customers.

EDUCATION

University of Toronto   April 2024
Bachelor of Science in Computer Science and Mathematics

SKILLS

Programming Languages: Rust, Python, Java, JavaScript, HTML, CSS, SQL
Technologies: Git, Jira, MongoDB, PostgresQL, Kubernetes, Docker, AWS, React.js, Node.js,