

Minhal Shanjer

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EXPERIENCE

Software Developer

Axonify

January 2022 – Present, Waterloo, ON

- Developed new features with Backbone, ReactJS and Typescript, with a special focus on accessibility throughout the development process
- Redesigned a game saving feature to save games based on a session instance of a training module, instead of saving one file per module
- Integrated and implemented third party libraries such as Highcharts and Duet Date-Picker, while ensuring wide range browser compatibility

Software Developer

PlayStation – Sony Interactive Entertainment

September 2021 – December 2021, Waterloo, ON

- Collaborated with Designers and Product Owners to develop the checkout experience on PlayStation 5 using React Native and Redux
- Developed parameterized integration tests for relevant APIs using Jest and TypeScript to identify API issues for client-side developers
- Setup a Jenkins multi-pipeline job to run ESLint and unit tests, for a newly developed code library, on every Git commit

Javascript Developer

Axonify

January 2021 – April 2021, Waterloo, ON

- Developed a browser video game in JavaScript using Axonify's proprietary game engine and wrote a tutorial guide for new developers
- Assisted in upgrading Axonify's core web product from jQuery 1.7 to jQuery 3.5, and created customized ESLint rules to identify and auto-fix most of the deprecated jQuery functions
- Integrated new API endpoints with Backbone.js and Marionette.js to upload SCORM modules asynchronously

Software Engineer

Dematic

September 2019 – December 2019, Waterloo, ON

- Developed responsive web screens with Angular, Polymer, and JavaScript
- Improved the runtime of creating virtual machines on Microsoft Azure by over 45%, by combining related Azure CLI code into PowerShell scripts and utilizing parallel processing in Bash scripts
- Created a Python script that generates patch notes between different application versions

Web Developer

Bronte College

January 2019 – April 2019, Mississauga, ON

- Developed an employee dashboard system in Ruby on Rails to digitalize HR activity in Bronte College
- Integrated Microsoft Graph API to synchronize Outlook Calendar events with a local calendar in a Rails application. This was done by scheduling background jobs to periodically scrape for new events on Outlook
- Implemented user authentication with OAuth 2.0 authorization using Microsoft Graph API, and routed uploads to Microsoft Azure

PROJECTS

Worklist

November 2020 – Present

- Created a dashboard with ReactJS/Redux to create and preview resumes
- Developed a REST API with Flask and Postgres, that handles CRUD operations and resume downloads
- Used HTML and CSS to design highly customized resume templates

EDUCATION

Bachelor of Computer Science

University of Waterloo • Waterloo, ON • 2022

SKILLS

Languages and Frameworks: JavaScript, Java, Python, C++, GraphQL, ReactJS, Ruby on Rails, Flask, Java Spring Boot

Tools: Git, Jenkin, Docker, AWS, PostgreSQL, Unix, Bash

COURSEWORK

User Interfaces, Object-Oriented Software Development, Algorithms, Computer Security and Privacy

Introduction to Artificial Intelligence, Introduction to Database Management