

Ruixin(Joe) Zhuang

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SKILLS & QUALIFICATIONS

- Proficient in JavaScript, HTML, CSS, Java, C, Python, Git, SQL, R, Scikit-learn, Android Studio
- Experienced with React, Vue, Node.js, Django, Kubernetes, React Native, Material UI, Selenium
- Familiar with DevOps CI/CD pipeline, Microsoft Azure, Nginx
- Excellent time management, communication and teamwork skills

EDUCATION

Honours Bachelor of Science, High Distinction (GPA 3.91/4.0)

2018 - 2022

University of Toronto Scarborough, Computer Science Specialist, Software Engineering Stream (Co-op)

PROFESSIONAL EXPERIENCE

Full-Stack Software Developer (Part-time), Findidle Canada Limited

2020 Jan - 2021 Nov

- Took ownership of the entire backend by designing and building a customized content management system in Node.js and configured corresponding functionalities
- Contributed 1/3 of the frontend development using React Native and Expo
- Researched suitable technical solutions for various business requirements and presented pros and cons of each solution to the team before implementation
- Constructed the project to pre-release status by effectively working on weekly assigned features and ensured both the code and the result are of good quality
- Demonstrated excellent oral communication skills through weekly presentation with business partners

DevOps Back End Developer, Intact Financial Corporation

2022 Jan - 2022 Apr

- Co-designed and implemented a Kubernetes management & monitoring CLI tool in Python which is used by everyone in the Intact lab on a daily basis
- Responsible for multiple product biweekly deployment by maintaining and monitoring DevOps pipelines
- Coded decent amount of unit tests to validate code quality using Python and JavaScript
- Be the primary contact of the team for knowledge transfer sessions for production team

PERSONAL PROJECT

Personal website (joe-zhuang.com)

- Self-designed and coded an elegant and responsive personal website based on React, Flask and Nginx, consisting of a technical blog based on markdown and a personal gallery of photography works
- Implemented dozens of RESTful API endpoints and corresponding SQL queries for handling notes and uploaded images
- Used Github Action to fully automate the CI/CD process and deploy to personal VPS as well as hosting huge amount of images using Nginx

INTERESTS

- Photography as a hobby, familiar with digital cameras and Adobe software (Photoshop, Lightroom, Audition, Premiere)
- Musician, play acoustic guitar very well and currently transitioning to electric guitar
- Operating and maintaining a VPS for personal website as well as hosting a Minecraft server