

Alex Ding

Full-stack Developer | Software Developer

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[LinkedIn](#)

SUMMARY

- 6+ years working experience in web app dev, performance, and security control;
- Proficient in delivering high-performance, high interactivity, and high-quality applications in agile teams
- Substantial experience of object-oriented programming, algorithm, data structure implementation and design pattern
- Extensive front-end development experience with JavaScript, React and responsive design
- Hands on working experience of back-end skills in Node.js, RESTful API, Lua and MySQL database.
- Comfortable working with Linux/VM/Docker dev environment, Git version control and CI/CD tools in Agile Dev Team
- Debugging skills to troubleshoot problems in any layer of web application with unit/integration tests

WORK EXPERIENCE

6Harmonics Inc.

- Senior Software Developer

Mar 2022 – Mar 2024

- Led dev teams to continuously build /deploy features and business solutions with clients.
- Developed database software using Lua and led dev and test team pass FCC software certification.
- Developed cloud based device monitoring system and data vitalization system by Grafana.
- Implemented version control using Git to manage codebase changes efficiently and collaborate with team members.
- Implemented Jenkins for CI/CD to automate the build, test, and deployment processes

- Software Developer

Sep 2018 – Mar 2022

- Developed user interfaces with modern JavaScript frameworks, HTML5, and CSS3.
- Developed RESTful API for WebGUI communicate with Linux based devices.
- Handled application core technical tasks and multiple challenging features with balanced solutions
- Improved application performance on best practices of API design and usage to reduce data loading time

SunnyFuture Ltd | Junior Web Developer, Ottawa

Jan 2017 – May 2017

- Analyzed company requirements for the web platform 3.0 and design the web layout with better UX.
- Developed interactive web applications using modern JavaScript (ES6+) and TypeScript.
- Built dynamic user interfaces and single-page applications with React.js.
- Transfer dev and the delivery environment from VM to the Docker container within CI/CD feature
- Worked closely with designers and back-end developers to implement design mock-ups and integrate APIs.

SKILLS

Front-end: React, JavaScript/Typescript, Redux, Axios, Next.js, Bootstrap5, Tailwind CSS, JSON, Chart.js, OAuth, jQuery

Back-end: .Net(C#), Node.js, Express, PHP, Python, MySQL, RESTful, GraphQL, MongoDB

Dev/Test: Git, Azure Devops CI/CD, AWS, Postman, Jest, Mocha, Google Dev Tool, Rest Client, Swagger API document tool

Others: Jira, Monday.com, Linux, Mac OS, Windows, VM, Docker, Apache, Bing Maps API, VPN, Zoom

EDUCATION

Algonquin College (GPA 3.9/4.0)

Sep. 2015 - Jun. 2017

Internet Applications & Web Development