Ian Yang

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Skills

Spoken Languages	English (Native), French (Immersion)
Programming Languages	JavaScript (TypeScript), C#, HTML/CSS (Sass)
Frameworks	React.js (Redux), Node.js, Express.js, .NET Core
Technologies	Azure DevOps, Git, Jira, Unix, Microsoft SQL, MongoDB, Postman

Education

University of Toronto, St. George Campus   *Toronto, Canada*
HONORS BACHELOR OF SCIENCE IN COMPUTER SCIENCE & STATISTICS   *June 2020*

Experience

JANA Corporation   *Aurora, Ontario*
JUNIOR SOFTWARE DEVELOPER   *August 2020 – Present*

- Led and mentored the Lantern front end development team, directing and planning the front end development to meet version release deadlines, generating an annual revenue of $3+ million in licenses
- Led and organized sprint retrospectives to empower the team to make continuous procedural improvements, ultimately improving team cohesivity, communication, and planning
- Created and managed CI/CD pipelines for multiple projects using Azure DevOps, to automate the building and publishing of development and QA environments
- Owned, implemented, and deployed front-end features to production for a data-driven oil & gas pipeline survey management product using React.js (TypeScript) and Redux, enabling clients to efficiently plan, track, and verify inspections.
- Diagnosed and debugged production issues, implemented fixes, created pull requests, and conducted handover sessions providing source code reviews, potential solutions, and reproduction instructions.
- Communicated with SMEs, product owners, software developers, and QA analysts to provide progress updates and contribute to the SDLC in an Agile development environment, using Jira.

Namar Canada   *North York, Ontario*
WEB DEVELOPER   *May 2019 – August 2019*

- Researched, designed, and built a website for Namar Canada, providing a multi-faceted gateway for information, presentations, and in-person workshops.
- Demonstrated leadership by conducting weekly Scrum sprints through effective communication using Trello.
- Refactored and optimized Qualsoft Corporation website code (LAMP) to improve web design and user experience
- Wrote and organized clear and concise user documentation to aid in general usage and future development.

Projects

League Oracle - Tesseract.js, React.js, Node.js (Express), MongoDB
GITHUB.COM/IANYYANG/LEAGUEORACLE

- Leveraged Tesseract OCR Engine to identify players and characters from a game screen image.
- Implemented asynchronous programming and optimized image processing strategies, improving Tesseract performance by **450%**, character recognition accuracy by **30%**, and reducing image storage space by **35%**.
- Refactored code for improved code readability and modularity.

Spotify Karaoke - React.js, HTML, CSS
GITHUB.COM/IANYYANG/SPOTIFYKARAOKE

- Engineered web scraper to gather and store lyrical data from Genius.com
- Configured endpoints from Spotify and Genius RESTful web APIs to fetch current playback information, user playlists, and control playback in real-time.