

Andre Iskandar

Full Stack Web Developer

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Full-stack Web Developer with a passion for problem-solving and designing software with efficient and scalable solutions. Proficient in all aspects of programming, from front-end with React and HTML/CSS to the back-end with NodeJS, Express or Ruby on Rails using test-driven development and agile development approach. Proficient in configuring microservices architecture in developing and deploying web applications. Eager to learn and work with new technologies and frameworks.

TECHNICAL SKILLS

Languages: Javascript ES6, Ruby

Frameworks: React, Node, Express, Ruby on Rails, EJS, JQuery, AWS Amplify

Databases: PostgreSQL, ElephantSQL, GraphQL, DynamoDB

Developer Tools: Chrome DevTools, Github, Circle CI, Netlify, Heroku

Libraries: Axios, React-router, Moment, Socket.io, Cookie-session, Bcrypt

Testing Frameworks: Mocha, Chai, Cypress, Jest, Storybook, Capybara, Poltergeist, Rspec

PROJECTS

ADTime Scheduling | A Full-stack scheduler web app allowing users to assign and transfer shift for employees

- **Environment:** React, Material-UI, SCSS, Express, PostgreSQL, Heroku, Javascript
- Collaborated with 2 developers to plan, design, develop and deploy a single-page-application on a 10-day sprint
- Engineered dynamic components for the app and created customised form to streamline shift registration on the platform
- Interfaced with back-end database via Axios API calls to organise the shifts and implemented synchronisation logic to prevent double booking shift
- Developed code logic with focus on re-usability to facilitate future usage
- Integrated third-party services for Slack and text messaging notifications and live calendar functionality

Jungle | An e-commerce portal that sells multiple product categories

- **Environment:** Ruby on Rails, SCSS, ActiveRecord, SQLite, Heroku
- Familiarized with new programming language, framework and existing code base using Ruby on Rails and MVC design
- Modified existing website to add user authentication and more functionalities
- Implemented automated testing on the website using Capybara, Poltergeist and RSpec and deployed the app to Heroku
- Integrated third-party service using Stripes for payment and implemented checkout process

Interview Scheduler | A scheduler app allowing users to book, edit and cancel interview

- **Environment:** React, SCSS, Express, Node, PostgreSQL, Javascript, Netlify, Heroku, CircleCI
- Developed, implemented and executed automated testing using Jest, Storybook, and Cypress
- Delivered end-to-end CI/CD pipeline using CircleCI and deployed the server on Heroku and the website using Netlify

EXPERIENCE

Production Supervisor

2018 - 2020

CIPA Lumber Co. Ltd

Delta, BC

- Provided effective leadership to 40 unionized workforce to ensure compliance with standard operating procedure
- Identified potential safety hazards and took appropriate actions to control and/or eliminate hazards. Hazard occurrence reduced by 15% for two years in a row

- Demonstrated continuous improvement by applying Lean Six Sigma principles to maximize uptime by 8% and reduce waste by 12%

Planer / Sawmill Quality Control Supervisor

2014 - 2028

West Fraser

Chetywnd, BC

- Demonstrated quality assurance functionality pertaining to lumber grading standards
- Managed quality control objectives by implementing an effective QA program. Improved grade outturn of #2Btr by 10% and reduced off-grade lumber by 20% within six months
- Performed machine center studies to gain valuable insight into operational opportunities and quality improvements

EDUCATION

Diploma in Full Stack Web Development

2020

Lighthouse Labs

Vancouver, BC

Bachelor of Science in Wood Products Processing, Minor in Commerce

2008 - 2013

University of British Columbia

Vancouver, BC