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. Skilled in all aspects of programming, from front-end with React and HTML/CSS to back-end with NodeJS, Express or Ruby on Rails using test-driven development approach. Proficient in configuring microservices architecture and developing 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 to employees*
Environment: React, Material-UI, SCSS, Express, PostgreSQL, Heroku, Javascript

- Collaborated with two other developers to plan, design, build and deploy a single-page-application on a 10-day sprint
- Engineered dynamic components to create customized form and streamline shift registrations on the platform
- Interfaced with back-end database via Axios API calls to organize shifts and implemented synchronization logic to prevent scheduling conflicts
- Integrated third-party services APIs such as Twilio for text messaging notifications, Ant Design for live calendar functionality, and Slackbot for message notifications
- Developed code logic with focus on re-usability

Jungle | *An e-commerce portal showcasing multiple product categories with payment processing*
Environment: Ruby on Rails, SCSS, ActiveRecord, SQLite, Heroku

- Developed existing web applications based off Ruby on Rails and MVC design to add user authentication and features
- Integrated third-party API such as Stripes for payment processing and checkout process
- Implemented automated testing using Capybara, Poltergeist and RSpec

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 integration testing using Jest, Storybook, and end-to-end testing with Cypress
- Delivered end-to-end CI/CD pipeline using CircleCI successfully to deploy back-end server to Heroku and website to 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*