Nhon Dang

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SOFTWARE ENGINEER

Software Engineer and Full Stack Web Developer with a background in medicine seeking to utilize relevant analytical, technical, and programming skills to thrive as an entry-level Software Engineer. Strong experience in programming languages, frameworks, and libraries including Javascript, React, Ruby on Rails, HTML, and CSS. Passion to seek employment in a fast-paced learning environment to acquire knowledge and guidance from senior developers and be continually challenged to find scalable solutions to company-problems.

TECHNICAL SKILLS

Programming Languages: JavaScript, ES6, Ruby, HTML5, CSS3
Frameworks: React, Ruby on Rails, Sinatra, Bootstrap
Tools and Technologies: Version Control (Git/Github), PostgreSQL, SQLite, JWT, MVC, OOP, RESTful API, JSX, JSON, Web Application, Front-end Development, Back-end Development, Debugging, ActiveStorage, ActiveRecord, Data Structures, Algorithms, Wireframing, Responsive Design Implementation

TECHNICAL PROJECTS

AppTrack - [Github-Frontend](#) | [Github-Backend](#) | [Demo](#)
A job search tool to manage job applications, tasks, meetups, contacts, and creating Google Calendar appointments.
- Built a Full Stack application with React.js frontend and Rails API backend to store information.
- Incorporated wire-framing, design drafting, and using PostgreSQL to organize data and structuring.
- Implemented JWT and BCrypt for secure authentication and authorization of user accounts.
- Utilized Google Calendar API to allow users to make personal appointments to their Google Calendar account.
- Made use of react-router and RESTful practices to render specific components through URL path.
- Enabled full CRUD capabilities on all models and action associated fetches to the backend server.
- Followed best practice conventions of functional and class components with React hooks and state.

Draw It Out - [Github-Frontend](#) | [Github-Backend](#) | [Demo](#)
A web application where users can create personal canvasses and associate a topic with it based on their mood.
- Developed with React.js frontend and Rails API backend with ActiveStorage for saving user image files.
- Designed/drafted database schema and user stories to keep track of desired features.
- Incorporated Painterro as canvas plugin to allow custom drawing capabilities.
- Integrated JWT and BCrypt for secure authentication and authorization of users.
- Utilized sessionStorage for user login/registration to hold unique token and user data throughout their session.

Food and Drink - [Github](#) | [Demo](#)
A social media application where users can post and discuss food and drink recipes.
- Built completely with Ruby on Rails with custom and RESTful routing conventions.
- Provided dynamic analytical features on the landing page for quick viewing through backend logic.
- Implemented a polymorphic relationship between models to achieve functionality with fewer models overall.
- Utilized sessions/cookies to keep track of signed in users which allowed full functionality.
- Validated user params during user creation and integrated error handling.

EMPLOYMENT HISTORY

Zoom+Care   Seattle, WA
Zoom Associate (Full Time)   06/2020 - 11/2020
- Managed operations with multiple providers and patient services at a new clinic location resulting in increased monthly online positive reviews and patient bookings.

Roji Tea Lounge   Syracuse, NY
Baker/Server (Part Time)   03/2014 - 02/2017
- Led a team of 3 to provide quality assurance of baked goods and excellent customer service which resulted in an elevated customer experience and increased online ratings from 3.5 stars to 4.0 stars.

EDUCATION

Flatiron School   Seattle, WA
- Full Stack Web Development, Software Engineering Certificate   11/2020 - 03/2021

SUNY Upstate Medical University   Syracuse, NY
- B.S in Respiratory Care, Cum Laude, GPA: 3.7   08/2018 - 05/2020