Noel Yohannes Ghebremeskel

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EDUCATION

Seneca Polytechnic College — Toronto, ON

Computer Programming & Analysis Advanced Diploma

Coursework: Cloud Computing for Programmer, Procedure Using Oracles PL/SQL, Database Administration

- Developed RESTful API for a resort website, that retrieved properties by attributes & IDs
    - * | *React.js, Node.js, Express.js, HTML, CSS, MongoDB(Mongoose)*
- Developed Music Streaming Service website using Spotify API, with
    - * | *Angular, Typescript, HTML, CSS, Bootstrap*

TECHNICAL SKILLS

Languages: Java, Python, SQL (PostgreSQL, MySQL), JavaScript(Node.js), HTML/CSS
Frameworks/Libraries: React.js, Angular, Express.js
Developer Tools: Git, IntelliJ, VS Code, Visual Studio, DBeaver, MongoDB

EXPERIENCE

Jr. Systems Developer Intern — January 2023 – September 2023

Municipal Property Assessment Corporation — *Toronto, ON*

- Modernized UI components, including the implementation of a theme switcher toggle with custom SVG icons, to enhance the company website's user experience.
- Revamped login page components to align with contemporary design standards, improving user engagement.
- Developed Python-based AWS Lambda functions for automated Jira ticket creation, streamlining issue tracking.
- Authored a comprehensive off-boarding tool process guide utilizing Intro.js, facilitating a smoother transition for departing employees.
- Collaborated with cross-functional teams to identify bottlenecks, contributing to overall system optimization.

PROJECTS

To-Do | *React.js, Node.js, Express.js, PostgreSQL*

- Engineered a React-based interface, leveraging Framer-Motion for fluid animations and enhanced user experience.
- Developed a robust back-end using Node.js and Express, ensuring efficient task management and data integrity.
- Integrated PostgreSQL for flexible data storage, enabling features like task categorization and user profiles, supporting up to 10,000 tasks and numerous users.
- Implemented CI/CD pipelines using GitHub Actions, automating testing and deployment for streamlining.

Recipe Finder | *Angular, Node.js, Express.js, MongoDB, TailwindCSS*

- Engineered a Node.js algorithm for optimized meal discovery based on available ingredients.
- Architected Angular-based user profiles featuring custom recipes and saved recipe collections.
- Utilized MongoDB to store and retrieve user-created custom recipes with advanced filtering options.
- Integrated third-party API via Axios to augment the recipe database by 1,000+ recipes, thereby enhancing the quality of user choices and increasing average session duration.

Weather Forecast | *React.js Node.js, Express.js, Redis, OpenWeatherMap API*

- Architected a "Weather Forecast" application leveraging React.js, Node.js, and Redis for real-time weather data retrieval and display.
- Implemented a user-friendly interface featuring current weather conditions, forecasts, and weather visualizations.
- Engineered back-end services using Node.js to fetch and cache data from OpenWeatherMap API, optimizing performance.
- Employed Redis as an in-memory data store to cache frequently accessed weather data, reducing API calls and improving load times.

ACCOMPLISHMENTS AND ACTIVITIES

President's Honor List (4.0 Term GPA) — May 2022

Seneca College — *Toronto, ON*