Ayo Akindele

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EDUCATION

Bachelor of Science, Specialization in Computing Science, Business Minor   *Edmonton, Alberta*
University of Alberta   *April 2022*

SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, Ruby, C, Java, Python, SQL
Frameworks: React, Next.js, Vue, Django, Django Rest Framework, Rails, Android SDK
Tools: Git, GitHub, PostgreSQL, Figma, Firebase, Materialize CSS, Heroku, Husky, Material-UI, Bootstrap, Trello, Slack

EXPERIENCE

Live Well Exercise Clinic   *Edmonton, Alberta*
Software Developer Volunteer   *Jul. 2020 – Sep. 2020*

- Developed 2 administrative dashboards to facilitate site navigation for company administrators.
- Added breadcrumbs to 12 webpages to improve customers' ease of access to previously visited webpages.
- Reorganized portions of the existing file structure in the codebase to enable easier code debugging.
- Wrote 2 RSpec tests to ensure the validity of newly written code.

Edmonton Public Schools   *Edmonton, Alberta*
Team Lead   *Sep. 2019 – Mar. 2020*

- Generated weekly plans of activities to encourage leadership and teamwork in a group of 30 students.
- Led a group of 3 coworkers in overseeing daily student activities and in helping the students with homework.
- Facilitated student engagement in activities from 2 external programs (DiscoverE and Action for Healthy Communities).
- Coordinated 3 student groups in field trips to Jurassic Forest, Millenium Place, Laser Quest and more.

PROJECTS

CMPUT 401 Project Portal   *Edmonton, Alberta*
React, TypeScript, Material-UI, CSS, Django, Django Rest Framework, Python, PostgreSQL, Husky   *Sep. 2021 – Dec. 2021*

- Developed a web portal that enables the University of Alberta's CMPUT 401 administrators to display the project collaborations between CMPUT 401 students and external clients (non-profits, early-stage startups, academic clients, etc.).
- Implemented CI/CD workflows with GitHub Actions and used Husky with Lint-Staged, ESLint and Prettier to automate code checks and to ensure that bad code was never merged into the main branch.
- Led the development process for 75% of the sprints as a product owner to ensure that client needs were met.

Plurr Social Network   *Edmonton, Alberta*
React, JavaScript, Bootstrap, CSS, Django, Django Rest Framework, Python, PostgreSQL, Heroku   *Sep. 2021 – Dec. 2021*

- Built a social networking web app that allows users to share posts and images that other users can like and comment on.
- Implemented the web app's REST API and enabled communication between the React frontend and the Django backend.
- Used React Hook Form and Yup to validate the information that users entered into forms (signup, login, edit, etc.), authenticated users using JSON Web Tokens, and enabled admins to approve users before they were allowed on the network.

Pocketbook   *Edmonton, Alberta*
Java, Android SDK, FirebaseAuth, Firebase Firestore, Firebase Storage, JUnit Testing, Figma, Trello, Slack   *Sep. 2020 – Nov. 2020*

- Created an app that allows users to lend out books that they own and to borrow books from others.
- Designed the app's local and Firebase model schemas, set up live loading to ensure that changes to the data in Firebase were immediately present in the app, and implemented rigorous data checks to ensure the validity of the information being transferred between the app and Firebase.
- Wrote unit tests for the app's model files and wrote 9 of the 16 intent UI test files to make sure that login, signup, book/profile editing, and other Activity and Fragment operations were conducted properly.