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Caeleb Koharjo

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GITHUB: [CAELEBK](#)
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TECHNICAL SKILLS

LANGUAGES:

Typescript, JavaScript, HTML/CSS,
Java, Python, Scala, C/C++

TOOLS/ENVIRONMENT:

Git, GitHub, Bitbucket, Ubuntu,
UNIX, JIRA

OTHERS:

Express, AWS EC2, npm, Heroku,
Angular, React, Protobuf

WORK EXPERIENCE

SOFTWARE DEVELOPER CO-OP (TYPESCRIPT, SCALA, ANGULAR)

JAN - AUG 2022

Visier (Vancouver, BC)

- Maintained Visier-UI component library by updating Angular components, documenting changes, and publishing updated versions to JFrog Artifactory, resulting in more refined and appealing UI components in the codebase.
- Implemented an Angular component that uses a REST API to get a list of subjects and applicable filters, allowing the user to apply filters when searching for members of a selected-subject; the result being a display of filtered search results.
- Created and converted between models and protobuf-generated DTOs to transfer data between the client and server through a API endpoint with the purpose of maintaining onion architecture.
- Worked with the info-security team to threat-model a feature, identifying and mitigating potential security vulnerabilities through modelling data-flow diagrams and STRIDE charts.
- Upgraded packaged dependencies to the latest compatible version to prevent security vulnerabilities and debugged areas that were affected, making the codebase more secure and up-to-date.
- Wrote unit tests in Scala and Typescript to mitigate potential bugs and verify that features behaved as expected.

PERSONAL PROJECTS

FULL-STACK PERSONAL PORTFOLIO (HTML/CSS, JAVASCRIPT, EXPRESS)

DEC - AUG 2021

<https://github.com/caelebk/personal-site>

- Employed dynamic HTML templating (EJS library) to condense and organize snippets of HTML.
- Implemented Bootstrap CSS Framework for responsive web-design and stylized HTML elements.
- Deployed on Heroku, the web app runs with Express as the server framework for responding to HTTP requests.

PERSONAL DISCORD CHAT-BOT (JAVASCRIPT, AWS EC2)

FEB - MAY 2021

<https://github.com/caelebk/discordbot>

- A chat bot that executes functions based on user input, previously deployed on an AWS EC2 Instance.
- Utilized Cheerio (subset of JQuery) and Axios (HTTP client library) to request and web-scrape data off popular League of Legends statistics website OP.GG to analyze selected-user data and respond with a statistical summary.
- Extracted and parsed data from a public League of Legends Google Spreadsheet (Google-API) to extract data from labeled rows and columns to allow users to display selected information from the attached spreadsheet.

EDUCATION

UNIVERSITY OF BRITISH COLUMBIA

SEP 2019 - MAY 2024

Bachelor of Science, Computer Science (GPA: 3.93 / 4.33, Computer Science GPA: 4.25 / 4.33)

RELEVANT COURSEWORK:

CPSC 304 (Relational Databases), CPSC 221 (Data Structures & Algorithms), CPSC 210 (Software Construction)