Lily Gostovic

Junior developer with experience in web and app development seeking full-time new grad opportunities.

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Experience

Software Engineer · Forget Finance Sep 2022 –– Jan 2023. Remote.

- Initialized Storybook for component testing and design system documentation.
- Implemented an Error Boundary to provide users with feedback for solving the problem instead of crashing the app.
- Performed code reviews on pull requests made by other developers.
- Developed a "Story" component similar to Instagram Stories to display quick information to users between onboarding sections.
- Implemented a "Slider" component similar to iPhone slider that accept calls. Made text shimmer with a custom SVG gradient and React Native Reanimated.

TypeScript, React Native, React Navigation, i18next, React Hook Form, PostgreSQL, Firebase.

Software Engineer Intern · Forget Finance May –– Aug 2022. Berlin, Germany.

- Maintained overall client and server side systems and fixed defects for a finance mobile application.
- Rewrote a deprecated open-source library for integration with TypeScript and compatibility with the app's version of React Native Reanimated.
- Iteratively updated the design of the app as it was changed by the designers.
- Collaborated with CTO and Senior Developer to implement the new onboarding system using React Hook Forms in 1 day.

TypeScript, React Native, React Navigation, i18next, React Hook Form, PostgreSQL, Firebase.

Web Developer · Hack4Impact McGill Sep 2022 –– Present. Montreal, Canada.

- Helped to develop web application to assist non-profit coordinate with volunteers to deliver meals to the elderly in the community.
- Defined PostgreSQL table schema using TypeORM.
- Implemented and tested REST API endpoints using Express.js and Jest.
- Onboarded new developers and assisted with project setup.

TypeScript, React, PostgreSQL, TypeORM, Jest, Docker, Git, Figma.

Front End Lead · NordASIL Feb –– June 2023. Copenhagen, Denmark.

- Worked with five MSc. Computer Science students to develop a website that displays an overview of Danish asylum seeker data scraped from the Danish Refugee Appeals board website (https://fln.dk/da/Praksis).
- Set up the frontend project and enforced good coding practices such as a code review process, linting, and automatic code formatting.
- Provided support to group mates working on frontend tasks by sharing my knowledge and directing to good online resources for unseen topics.
- Developed a page where users can filter asylum seeker cases based on four metrics and generate random cases matching the filters to read.

TypeScript, React, GitHub, Python, Django.

Skills

Programming Languages
Python, Java, JavaScript, TypeScript, MIPS, OCaml, HTML, CSS

Frameworks & Databases
React Native, React, Django, JUnit, Jest, TypeORM, PostgreSQL, MongoDB

Tools
Git, GitHub, GitHub Actions, Docker, Postman, Jira, Figma, Postico, Notion, Heroku, Render

Projects

Music Sport Performance
React web app that utilizes the Strava and Spotify APIs to collect information on and discover trends in running performance based on the music listened to while running.

photography.lilygostovic.com
Website built with React and TypeScript hosted on Render to showcase my photography.

Class Enrolment Utility
Command line interface tool that uses a Selenium Chrome Driver to enrol McGill students into classes.

lilygostovic.com
Personal website built with React and TypeScript, hosted by Render.

Education

McGill University
Bachelor of Arts in Computer Science and Linguistics, May 2024.
Varsity Women's Rugby. Hack4Impact Developer.

Interests

Running, alpine skiing, hiking, travelling, knitting, film photography, reading.