ABDALLA SARHAN

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Summary

I am an aspiring Software and Computer Engineer looking to continue growing my knowledge and skills by gaining experience in the real-life application of software and hardware. I am eager to work in a team and learn and apply everything I can to solve problems and deliver the best results.

Skills

- **Languages:** Java, C, python, JavaScript, TypeScript, HTML and CSS.
- **Web Development:** Node.js, React, Tailwind CSS, Express.js, Material UI, Spring Boot, Docker, AWS.

- **Databases:** MySQL, PostgreSQL, MongoDB.
- VScode, IntelliJ, Eclipse.
- Git, Gitlab, Github.
- Backstage as a service catalog

Education

York University | Toronto, ON | Expected in 04/2024 | **Bachelor of Engineering**: Computer Engineering
Relevant Coursework: Java and advanced OOP, Fundamentals of Data Structures, Embedded Systems, Computer Organization.

Projects

Portfolio - *My Portfolio Website* - This is my [website](#) where you can find more information about me and my projects.

SocialBook - *Full Stack Social Media Website* – Login with google account and post pins as well as save pins to your profile and comment on pins. The search bar is also optimized to show relevant pins. *The* frontend of this website was built through **ReactJS** and **Tailwind CSS**. **Hooks** such as UseState and UseEffect were utilized. The backend of this website was built using Sanity.io by creating schemas, storing and managing the data through Sanities documentation. Logging in with Google account was accomplished by **Google cloud platform**. -- [website](#)

WhereTo – **Full Stack Website** – *Consists of a login and registration system using **JWT** and **PostgreSQL** to store the data, in addition to hashing the passwords. Once you log in you can post trips and see who has posted trips. The frontend of this website was implemented with **ReactJS** and bootstrap for styling. The backend server is **Expres.js** with **Node.js.** Used React **context API** to pass trips and render in different components. **Axios** for making requests to the server.*

Other Experience

Software Engineer Intern | Bitspire inc - Toronto, ON|05/2022 - present

- Develop frontend components and user experience using TypeScript, React, Gatsby, and Recoil
- Develop backend components and services using Scala and ZIO
- Create data pipelines using Apache Pulsar and Beam to serve analytics dashboards
- Manage and improve CI/CD and automation pipelines

Owner | Car Detailing Business - EDMONTON, AB|06/2018 - 08/2021
- Led opening of business and creation of operational procedures and advertisements/promotions.
- Trained teams on specific operations, applicable procedures, and techniques for each job site.

Host | Tutti Frutti Breakfast and Lunch - Edmonton, AB|01/2018 - 09/2020
- Greeted guests and gathered information to seat groups or place on waitlist.
- Supported serving staff, food runners and bussers to keep dining room presentable and ready for guests.