

Saiful Shovo

+1-587-566-6172 | [email](#) | [github](#) | [linkedin](#) | [shovo.ca](#)

EXPERIENCE

Connection Hub Ltd - [Company Website](#)

Edmonton, Alberta

Full Stack Developer (Contract - Project-based)

May 2022 - Oct 2023

- Designed and developed the company's website using WordPress with a custom theme and hand coding.
- Enhanced secure communication in Django and Postgres backend, reducing processing time by 25%.
- Created a responsive website interface with WordPress CMS.
- Customized website features using WordPress plugins and coding in PHP, HTML, CSS, and JavaScript.

IlmHub, University of Alberta - [Demo](#)

Edmonton, Alberta

Full-Stack Developer (Intern)

Jan 2023 - April 2023

- Contributed to the development of the school section on the official IlmHub site, enhancing educational content accessibility for users.
- Optimized application performance by 30% through efficient code restructuring and database query optimization, using Django and React.
- Implemented Docker for containerization, ensuring consistent environments for development, testing, and production, and facilitating easier deployment on Cybera and Heroku.
- Utilized PostgreSQL, enhancing data integrity and scalability, supporting thousands of users simultaneously.

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, SQL, C, TypeScript, C#, PHP, Java

Frontend Development: React.js, Angular, HTML, CSS, Next.js

Backend Development: Node.js, Express.js, Django, Fast API

Databases: MySQL, MongoDB, PostgreSQL, SQLite

Libraries: jQuery, Material UI, Bootstrap, Tailwind, Redux

DevOps Tools: AWS, Docker, Cybera, Heroku, Nginx

Version Control: Git

EDUCATION

University of Alberta

Edmonton, AB

Bachelor of Science: Computer Science Specialization

2019 - 2023

CERTIFICATES

AWS Certified Cloud Practitioner - [View](#)

AWS Certified Developer Associate - [View](#)

Udemy Web Developer Bootcamp - [View](#)

MAJOR PROJECTS

Social Distribution - [github](#)

- Created a comprehensive social media platform with user engagement features like posting, liking, commenting, and real-time notifications.
- Implemented customize and share profile, posts, comments functionalities.
- **Technologies:** HTML, CSS, JavaScript, Python, git, Django, Bootstrap, Docker, PostgreSQL, Heroku, Rest API

Trip Planner

- Developed an intuitive trip planning application featuring a to-do list and dynamic destination selection.
- Integrated Google Maps API for real-time location tracking and suggestions.
- **Technologies:** Node.js, React.js, JavaScript, HTML, CSS, MongoDB, Docker

Playable Piano

- Developed a simple yet interactive web application that allows users to play piano using their keyboard or by clicking on the keys.
- Designed with a responsive layout, making it suitable for both desktop and mobile users.
- **Technologies:** React.js, JavaScript, Node.js, MongoDB, HTML, CSS, git, TypeScript, Bootstrap

File Manager App

- Developed an app providing a non-modifiable root folder, enabling file and folder management capabilities such as create, delete, rename, copy, cut, and paste.
- Included a search function and file editing with syntax highlighting for specific file types, ensuring user-created changes are saved and restored on subsequent visits.
- **Technologies:** React.js, Node.js, Express.js, MongoDB, HTML, CSS, JavaScript, Material UI

Student Registration App - [github](#)

- Efficient student information management system facilitating easy addition, editing, and deletion of student records.
- Incorporated advanced search functionalities for easy navigation through student data.
- **Technologies:** Python, Angular, JavaScript, SQLite, AWS, git, Tailwind, FastAPI