

Gayathri Sudheer

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SKILLS

- **Programming:** C, C++, Java, HTML, CSS/SCSS, JavaScript, Python, SQL, Ruby
- **Frameworks/Tools:** React, Node.js, MongoDB, PostgreSQL, Ruby on Rails, Flask, Jinja, Bootstrap, SQLite, Selenium
- **Other:** Express, JSON, XML, Git, REST APIs, Webflow, Android Studio, VS Code, XCode, Mac OS, Microsoft Dynamics, MS Project, PowerApps, SharePoint Power Automate (Flows), Zapier, AWS S3, Venly

WORK EXPERIENCE

Zighra

Full Stack Developer

Ottawa, Ontario, Canada

January 2022 – April 2022

- Engineered Spur's **NFT Marketplace** using **Venly API** with **Node.js** and developed **10+** web pages using **React** and **CSS**
- Developed a demo app using company's **password-less authentication web SDK** with **HTML** and **CSS**
- Analysed and tested **Android and iOS SDK** to improve user guides and UI design of the web portal

Sponsorpulse

Full Stack Developer

Toronto, Ontario, Canada

May 2021 – August 2021

- Designed and updated the frontend views of **10+ web pages** using **React JS** and **SCSS** for the new launch
- Engineered the auto-generation of the free report developed with **Webflow**, **Ruby on Rails** and **React** for new users, **converting 67% of the users** to paid subscribers
- Developed flows using **Zapier** to send notifications automatically to platform admins' emails and Slack
- Utilized **Sidekiq** background processing with **PostgreSQL** for uploading new data to the platform with from **AWS S3**

Meritech Engineering

Operations Research Analyst

Cambridge, Ontario, Canada

September 2020 – February 2021

- Evaluated issues and helped develop solutions for the frontend user experience on the company's CRM using **PowerApps**
- Recommended improvements of the Intranet portal, **WBS**, **business process flows**, document control and communications
- Analysed business needs to improve **user interface**, **project tracking**, **management reporting** and **client experience**

Ministry of Attorney General, Ontario Public Service

IT Analyst

Toronto, Ontario, Canada

January 2020 – March 2020

- Developed the letter generation tool for the Case Management System in **Microsoft Dynamics** using **XML**
- Engineered a program using **SeleniumHQ with C#** in **Visual Studio** for automatic testing of the Case Management System
- Generated a program in **Microsoft Flow** and **SharePoint** for sending emails automatically when new user is added

PROJECT EXPERIENCE

Portfolio Website

August 2022

- Designed and developed frontend portfolio website using **React** and **SCSS**

Hack the Music (Hack the North 2021 Submission)

September 2021

- Developed a frontend web application using **React JS** and **REST APIs** that converts uploaded audio file into sheet music
- Designed frontend user interface using **JavaScript** and **CSS**
- Engineered **Firebase Authentication** with **Google Cloud** to store user credentials for login

Daily Planner Web Application

January 2021

- Designed and developed a full stack web application using **Python Flask**, **HTML**, **CSS** and **JavaScript** that displays user input tasks with time as a list that can be marked as completed or deleted
- Created an **SQLite** database to store user credentials for login

Filter Image

October 2020

- Programmed a **JavaScript**, **HTML** and **CSS** app that allows user to upload an image and apply filters onto the image.
- The filters includes grayscale, make red (converts image to monochromatic red), border (adds a black border to image), rainbow (applies the rainbow colours as 7 rows).

EDUCATION AND CERTIFICATIONS

University of Waterloo

Candidate for Bachelor of Applied Science in Computer Engineering

Waterloo, Ontario, Canada

2024

- Relevant Courses: Algorithms and Data Structures, Digital Computers, Systems Programming & Concurrency, Embedded Microprocessor Systems, Real-Time Operating Systems, Compilers, Database Systems, Computer Networks

Duke University (Coursera Certifications)

- Java Programming: Solving Problems with Software

November 2020

- Programming Foundations with JavaScript, HTML and CSS

October 2020