Gautam **Gireesh**

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Projects

PyFile- Directory Memory Visualization Program

TECH STACK: PYTHON, PYGAME, PYCHARM

- Implemented an interactive tree mapping using python exclusively to display memory allocation in file systems.
- Implemented using **Recursive Tree structures**

Othello-Board Game

TECH STACK: Java, JavaFX

- Created the famous multiplayer board game Othello using Java for the core and JavaFX for the UI.
- Implemented MVC design pattern to simplify and for efficient code.
- Users can choose to play with a human player or different types of CPU player with varying difficulties.

Websona

TECH STACK: Flutter, NodeJS, MongoDB, AWS

- Developed a cross platform application that allows users to share social media handles and other information through a QR scan.
- Users can create a profile and add social media handles, create multiple labelled QR codes and scan other codesas well.
- 0Auth was used to authenticate all server requests and to prevent any malicious attacks

Alleviating: Hospital Database

TECH STACK: HTML, CSS, BOOTSTRAP, PHP, MySQL, Apache Server

- Designed a fully functional webpage where Hospitals can register themselves and manage their patients.
- Created a seamless design using **HTML, CSS, Bootstrap** and gave it full functionality at the back end using **PHP**
- Leveraged **phpMyAdmin** and **MySQL** for data storage and management.

Skills

Programming	Python, Java, React, React-Native, Flutter(Dart), Rackett, Haskell, C++, R, HTML5, CSS, Javascript, PHP, Ajax
Technologies	Git, MySQL, Boostrap, MongoDB, phpMyAdmin, Xampp Control Panel, Android Studio

Work Experience

Nylas
Toronto, Canada

SOFTWARE ENGINEERING INTERN *May 2021 - Aug 2021*

- Incoming Software Engineering Intern at a San Fransico based developer API company.
- Assigned role under the Support engineering team and will be working with database optimization, and Machine Learning for efficient client analysis.

Findr
Mississauga, Canada

LEAD FRONT-END DEVELOPER *May 2020 - Dec - 2020*

- Findr is a startup initiative founded within the University of Toronto
- Bridge the gap between high school and university to allow students to get a head start on creating academic and business relationships
- Created the mobile app Findr which is now used across multiple universities spanning Canada and the United States
- Tech Stack included ReactJs, ReactNative, NodeJs, and MongoDB

Kuwait Oil Company
Kuwait

WEB DEVELOPER INTERN *May 2018 - Aug 2018*

- Worked with web development team of Kuwait Oil Company to enhance UI of company's webpage
- Used **Xampp Control Panel** to create local servers to host PHP webpages and **phpMyAdmin** along with MySQL for database management.

Education

University of Toronto
Toronto, Canada

B.SC SPECIALIZATION IN COMPUTER SCIENCE AND DUAL MINOR IN APPLIED STATISTICS AND MATHEMATICS *Sept. 2018 - Exp. Apr. 2022*

- CGPA: 3.37/4.0
- Dean's List Scholar 2019, 2020
- Facilitated Study Group Leader for CSC108(Introduction to Computer Programming) and MAT102(Introduction to Mathematical Proofs)
- Relevant Clubs: Student Mentor at Mathematical & Computational Society, Google Developer Student Club
- Relevant Coursework: Engineering Large Software Systems, Programming on the Web, Introduction to Databases