Ali Kariapper

THIRD YEAR COMPUTER SCIENCE STUDENT

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Skills

Languages	Python, Java, ReactJS, SQL, JavaScript, C++, HTML5/CSS, BASH,
Frameworks/Tools	Express.JS (Node.JS), PostgreSQL, Azure, DB2, Github/Git, Postman, PowerShell, Jira, Visual Studio, Eclipse

Experience

Finastra   *Jan 2020 - PRESENT (Dec 2020)*

DEVOPS INTERN - CANADA STUDENT LOAN PROGRAM TEAM   *Mississauga, Canada*

- Administrate and automate software builds, releases and deployments using Azure DevOps as the CI/CD pipeline
- Implement scripts (PowerShell) with REST APIs and Postman to improve efficiency of report generation and multiple deployments by 50%
- Collaborate with developers to synchronize front-end CSS files and deploy to testing environments
- Engage in post release activities by carrying out health checks on endpoints, provisioning new pipelines and configuring new databases in MS SQL Server
- Proactively automate repetitive tasks and procedures to increase DevOps productivity
- Assist in meeting production deadlines while working in an agile environment utilizing JIRA for project management (Kanban)

Projects

Smart-Brain Facial Recognition   *June 2020 - July 2020*

REACTJS, EXPRESS (NODE.JS), POSTGRESQL, HTML/CSS - HTTPS://SMARTBRAIN-FACIAL-RECOGNITION.HEROKUAPP.COM/

- Developed a web application to detect faces in pictures using Clarifai's facial recognition REST API
- Utilized a PostgreSQL database to give users the ability to register while saving their login info
- Implemented a server using Express by creating endpoints to communicate requests between the Front-End and SQL database

Movie Search   *June 2020*

REACTJS ,JAVASCRIPT, HTML/CSS - HTTPS://KARIAPPA.GITHUB.IO/MOVIE-SEARCH/

- Web Application that allows users to search their favourite movies displaying info such as ratings, release dates and descriptions
- Leveraged the useState React hook and Async functions to manage responses from theMovieDatabase REST API
- Designed with a card based UI to deliver a responsive, mobile friendly experience

Encryption/Decryption   *April 2020-June 2020*

JAVA

- Command line based program allowing users to encrypt and decrypt data from a file or standard input
- Implemented both Caesar and Unicode decryption algorithms allowing users to option of which one they prefer to be used
- Encapsulated the encryption/decryption algorithms to allow interchangeability in accordance to the OOP Strategy design pattern

Education

McMaster University   *September 2017 - PRESENT*

BASC IN COMPUTER SCIENCE   *Hamilton, Canada*

- Degree anticipated in May 2022
- Relevant Courses: Databases,Data structures and Algorithms, Object-Oriented Programming, Software Life Cycle and Design Patterns, Computer Architecture.

Extracurricular Activity

HashCode - Google   *March, 2019*

TEAM MEMBER   *Hamilton, Canada*

- Competed in Google's annual competition with a team of three to achieve placement of 1st at McMaster University and 18th in Canada
- Applied algorithms sort images based on specific criteria that to make the content most interesting.

McMaster Outreach   *September, 2018*

ATTENDANT   *Hamilton, Canada*

- Attended workshops part of a Computing and Software Outreach program focused on teaching K-8 students programming
- Assisted elementary and middle schools attendants in learning Elm