

John Poku

Software Developer

778.238.1756 jvbpoku@gmail.com

PROJECTS

ImSimPy

Medical Imaging Simulator Contract | Full-Stack | Proprietary Code

- Implented 3D Voxel-based graphics and image processing techniques
- Translated MATLAB code to efficient, scalable Python OOP code-base
- Designed and configured front-end GUI
- Worked closely with team to follow AGILE with MVP and deliverables

Allergy App

Allergy Grocery App| React | Full-Stack | Relational Database | REST API

- Designed and configured MySQL relational database
- Implemented and optimized stored procedures and functions in MySQL
- Created RESTful API application to communicate with database
- Designed a mobile app built in React-native to tell users of possible food allergies specific to them

Pokemon API

RESTful API Service | Back-End | Relational Database | REST API | AWS

- Designed and configured MySQL relational database using AWS
- Implemented and optimized stored procedures and functions in MySQL
- Created RESTful API application to communicate with database

SKILLS

Software Development

JavaScript ,Python, C#, Java, .NET Core

Web/Mobile

Swift, React, HTML, CSS, Node.JS , Express.JS . REST API

Development Tools

Git , Agile

Database

MySQL, SQL, SQLite

Cloud Services

AWS, Azure, Heroku

EDUCATION

2018 - Present

Computer Systems Technology | Diploma

British columbia Institute of Technology - Burnaby, BC

2015 - 2018

Kinesiology | Bachelors

University of British Columbia - Vancouver, BC