

John Poku

Software Developer

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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
- Utilized JSON Web Tokens for API authentication
- Designed API developer documentation for service use

SKILLS

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|----------------|---------------------------|------------------------|
| • Javascript | • Java | • Node.JS Express.JS |
| • Python | • .NET Core | • Azure AWS Heroku |
| • Swift, XCode | • React-Native React.JS | • MySQL SQL SQLite |
| • C# | • HTML, CSS | • REST API Services |

EDUCATION

2018 - Present

Computer Systems Technology | Diploma

British columbia Institute of Technology - Burnaby, BC

2015 - 2018

Kinesiology | Bachelors

University of British Columbia - Vancouver, BC