John Poku

Software Developer

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S K I L L S

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

E X P E R I E N C E

MINISIS INC — **Multilingual Database Service | Front-end | Back-end | JavaScript**

Web Developer / Application Software Engineer

- Designed and configured a non-relational database using MINISIS INC software to setup database according to client needs
- Created and maintained front-end GUI and integrated with MINISIS database
- Maintained and modified MINISIS to implement new features database post delivery of product.
- Handled form validation with custom regex

ImSimPy

May 2020 - December 2020

Medical Imaging Simulator Contract | Full-Stack | Proprietary App

- Developed a medical image simulator, designed to resemble medical tools, used for training and educational purposes
- Implented 3D Voxel-based graphics and image processing techniques using tools such as Python, SciPy, numpy, tKinter, and ttk
- Translated MATLAB code base to be efficient, scaleable, optimized, and follow Object-Oriented Programming methodologies in Python
- Designed and configured a full front-end GUI in Python using tKinter and ttk libraries
- Collaborated in a team to follow agile development methodologies with MVP

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

- Designed and built a cross platform mobile app using React-native to inform users whether or not it contains a specific allergen
- Created and configured MySQL using Amazon Web Services (AWS)
- Implemented and optimized stored procedures and functions in MySQL to be called by Express.js back-end endpoints
- Created a REST API to communicate with stored functions and procedures in a MySQL database

E D U C A T I O N

2019 - 2020 **Computer Systems Technology | Diploma with Distinction**
Web and Mobile
British Columbia Institute of Technology - Burnaby, BC

2015 - 2018 **Kinesiology & Health Sciences Stream | Bachelor of Kinesiology**
University of British Columbia - Vancouver, BC