

John Poku

Software Developer

778.238.1756 | jvbpoku@gmail.com | <https://johnpoku.com/> | <https://github.com/DarkRagingInferno>

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 |

EXPERIENCE

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

Web Developer / Application Software Engineer

- Adapted in-house database engine to meet different clients' needs
- Developed front-end web applications integrated with the MINISIS Database Engine
- Updated client databases and web applications to reflect changing business rules
- Handled form validation with custom regex

ImSimPy **Medical Imaging Simulator Contract | Full-Stack | Proprietary App**

*May 2020 -
December 2020*

- Developed a medical image simulator used for training and educational purposes
- Implemented 3D Voxel-based graphics and image processing techniques using tools such as Python, SciPy, numpy, tkinter, and ttk
- Translated MATLAB code-base to an efficient, scalable, and optimised object-oriented Python implementation
- 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**

- Developed a React Native, cross-platform mobile app that flags food containing the user's allergenic content.
- Created and configured MySQL using Amazon Web Services (AWS)
- Implemented and optimized stored procedures and functions in MySQL
- Created a REST API in Express.js to communicate with stored functions and procedures in a MySQL database

EDUCATION

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