

# DIMEJI SITU

## Software Engineer

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Portfolio : <https://dimeji-situ-portfolio.vercel.app/>

Software developer with an analytical mind and determination to learn new technologies. Self driven developer with a strong passion for coding and great knowledge on IT standards and infrastructure. Ready to put my problem solving skills to the test.

## PROFESSIONAL EXPERIENCE

### Full-stack & Mobile App developer, Remote, Ukemey Inc. (October 2021 - March 2022)

- Worked with Figma design to design and plan functionality of mobile project.
- Collaborated with team across different timezones on a diverse multitude of projects including a Mobile application created with React Native and a google extension to work along its corresponding site and DB.
- Developed web applications using Material UI, TypeScript, and React, resulting in a user-friendly interface and improved user experience.
  - Enabled reusable components, component documentation and packaging with Backlight and storybook for detailed component usage tutorials.
- Work with NodeJS, MongoDB, HTML, CSS and Javascript to maintain a dashboard app for a client.
- Used technologies like Clixell and Google tag manager to observe and differentiate between user and bot behaviour to avoid advertising overcharge.
- Worked with Puppeteer JS to automate/web-scrape over 60,000 lines of data for REST API creation.

### Front-End React Native Developer, Freelance Opportunity ( Jun 2022 - Sept 2022 )

- Collaborated closely with UX designer to translate wireframes into a functional high-quality application 100% identical with designs and clients plans.
- Implemented geolocation and mapping using expo MapView (react-native-maps) and Typescript.

## TECHNICAL PROJECTS

### QT Creator (C++) - Electrotherapy (group project) - <https://github.com/dimeji-code/Therapy-software-QT>

- Built a simulation of a therapy treatment used for different ailments. The simulation renders different intensities and time limits per treatment.

### Bank Management System (C++) - <https://github.com/dimeji-code/Bank-Account-Management-System>

- Test Driven Terminal/Console based simulation of bank account creation and transaction activity.

### EMS(Typescript, React, Node, MySql) - <https://ems-production-f785.up.railway.app/>

- Full-stack web app. that keeps track of employees with different permissions for Admins & Guests.
- Implemented the backend with mySql and authorization with b-crypt for encrypting user data.

### Gaffer(Typescript, React, Node, Mongodb) - <https://projectmanager-gaffer.up.railway.app/>

- MERN web application that keeps track of tasks and deadlines.

## EDUCATION & SOFT SKILLS

- Carleton University, Ottawa, ON, CA - Bachelors Degree (Computer Science).
- AWS Certified Cloud Practitioner on December 11, 2022.
- Tools: HTML5, QT Creator, CSS3, SASS, Typescript, React, Redux, React Native, NextJS, Python, Javascript, MySQL, C++, NodeJS, Express, MongoDB, Git, Linux, Git, Visual Studio Code, GraphQL.
- Understanding of software design principles and IT infrastructure like DB, servers and cloud computing.
- Professional experience with Visual studio (code) and Git for version control.
- Experience in an agile environment displaying excellent communication and collaboration skills.
- Knowledge of UML Diagram modelling, data structures, IP Packet classifications, DNS, TCP/IP stack and algorithms.
- Experience creating graphical interfaces with QT creator and Electron.
- Excellent self management and multitasking skills, can work in a team or independently.