

JOHN KIM

INFO



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SUMMARY



Software engineer and entrepreneur with a strong business track record. 4 years of experience working with the latest technology solutions. Skilled in full-stack web and iOS development.

EDUCATION



Full-time Software Engineering Immersive Program

App Academy
Jul 2021 - Jan 2022

Bachelor of Arts in Liberal Arts

King's College London
Sep 2016 - May 2019

SKILLS



Languages:

Swift, Python, SQL, JavaScript, CSS3, HTML5

Tools/Technologies:

iOS, Xcode, Foundation, UIKit, SpriteKit, PostgreSQL, Git, Unix, React.js, React Router, Docker, Redux, Flask, Express.js, Node.js, AWS

EXTRA-CURRICULAR ACTIVITIES



Published 7 programming articles on Medium

PROJECTS



Music.ly Clone

Jan 2022 - Feb 2022

- Developed a Music.ly (now called TikTok) clone with **AWS**, **React**, **JavaScript**, **Node.js**, **Python**, **Flask** and **PostgreSQL** that allows people to create, share and view short videos; Implemented functionalities such as user followings, user profiles, news feeds and video uploading.
- Designed and implemented a chunk-based video upload mechanism and workflow that handled internet disconnections during uploads and compressed videos by up to 70% to be stored on to **AWS S3**.
- Integrated OAuth for easy and secure user registrations and logins.

Friendstagram

Dec 2021

- Developed an Instagram clone with **React**, **Python**, **Flask** and **PostgreSQL** that allows people to share and view others' photo posts across the platform.
- Designed the database schema and models to store and manage 20,000+ rows of generated user and photo data

Health+

May 2021

- Built a MVC-based iOS application with **Swift**, **UIKit** and **Firebase** to monitor and record body temperatures for COVID-19.

DevShare (published on Apple App Store)

Apr 2021

- Developed a novel photo sharing iOS application with **Swift**, **Xcode**, **UIKit** and **Firebase** that included functionalities such as photo news feeds, photo postings and user follows/unfollows.
- Implemented RESTful APIs for CRUD operations and employed a MVVM (Model-View-ViewModel) and MVC (Model-View-Controller) hybrid architecture with Google Firebase authentication.

OTHER EXPERIENCE



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|---|---------------------|
| Chief Operating Officer , SN Marketing Group Ltd | Oct 2019 - May 2020 |
| Exhibitor , Various International Business Conferences | Aug 2018 - Dec 2019 |
| Business Partner , Alogateway, Hirose, and McPayment | Jan 2017 - Jan 2019 |
| Business Partner , Equiti Capital | Jan 2017 - Jan 2019 |
| Business Partner , Metaquotes Software | Jan 2016 - Jan 2017 |
| Forex Analyst , King's Capital | Jan 2016 - Jan 2017 |