

# Jaegyeom Kim

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## SOFTWARE APPLICATION PROJECTS

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### **The Inventory** – *web-Based Mobile Application* 01/2023 - PRESENT

- Developed a web-based mobile application allowing users to save dynamic product data, access detailed information via QR codes, and successfully managed back-end operations including URL parameter generation for each product.
- Designed using C#, ASP.NET API, MongoDB, Firebase, and React.js.

### **CSPORT** - *Web Application* 09/2022 - 12/2022

- Created a web application for sports centers to manage exercise classes with separate admin and user routes.
- Developed the front-end of the administrator page using Angular and facilitated CRUD operations between the front-end and server using Node.js, MongoDB, and Firebase.

### **DATA INTEGRATION AND ANALYSIS** - *Web Application* 05/2022 - 08/2022

- Utilized Apache Hadoop to integrate two extensive public datasets on military spending and world university rankings, while investigating the correlation between defense expenditure and education levels. Processed orders, determined charges, and oversaw billing and payments.

### **CLIMBING BUDDY** – *Mobile Application* 04/2022 - 06/2022

- Developed a mobile application to track climbers' locations using Android sensors and store performance data (time, distance, location).
- Played a key role in facilitating data interaction between the user interface and database by utilizing Kotlin, Lite SQL, and Android Studio.

## SKILLS

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### **Programming Languages:**

C#, Python, JavaScript, Typescript, Kotlin

### **Relevant Skills:**

.NET Framework, React, Angular, Azure VMs, Git, Docker

### **Database:**

MS SQL, MongoDB, Lite SQL

## EDUCATION

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Bellevue College - *Bellevue, WA*

**Bachelor, Software Development** - Expected Graduation: Jun 2023