

Ken Jiang

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Skills

Languages

Java, C#, C++, HTML, Javascript, Typescript, CSS, Python, SQL

Frameworks / Tools

React, Bootstrap, SASS, ASP.NET, Node.js, Github, Adobe, Unity, EC2, Amplify, Docker, MSSQL, MongoDB

Experience

QBuild

Application Developer

Sep 2021 – Dec 2021

- Furthered our web based **CAD** to **ERP** integration system
- Updated async backend data fetching leading to **9 fold** reductions in load times
- Implemented **ASP.NET** and **Telerik UI** frameworks to write webpages in **C#**
- Designed binary data transfer pipelines for seamless upload from the client to our databases

Application Developer

Jan 2021 – Apr 2021

- Enhanced our in-house **CRM** system through our ticketing system
- Utilized **ASP.NET** and **KendoUI** web frameworks to create professional and responsive webpages
- Optimized **SQL** stored procedures and views for up to **30x faster** response times
- Resolved tickets promptly and effectively communicated with their authors

Projects

inPrint, Java, Node, Android Studio ☑

- Created a password vault protected by biometrics, which also autofilled using a chrome extension
- Oversaw the design of our **UI/UX**, leading to a smooth and professional user experience
- Used **Java** in **Android Studio** to develop easy to understand, object oriented controls
- Impressed judges at MasseyHacks V, obtaining the second place overall prize

KenJiangSite, React.js, Node, HTML/JS/CSS ☑

- Utilized the **React.js** library to create a personal portfolio site
- Designed a visually appealing user experience with a cohesive color hierarchy and fluid animations
- Used build-in react modules such as `useState` for simple **state management**
- Deployed live on **GitHub Pages** [<https://kenzoengineer.github.io/Ken-Jiang-Site/>]

TextTracker, MongoDB, Node ☑

- Created a text tracking discord bot using the **discord.py** API
- Employed **MongoDB** as a cloud based non-relational database solution
- Rendered clear and informative charts using quickchart.io's API
- Leveraged Node's **asynchronous** javascript paradigm for non-blocking, swift bot responses

Education

University of Waterloo, Computer Engineering Candidate
Bachelors of Applied Science (BASc)

Sep 2020 – Apr 2025