Yong Yim

Experienced software developer focused
on building products for the web and mobile

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Relevant Experience

Co-Founder, Software Developer
CONNECTIVIOT LLC, Bellevue, WA

Sept 2014 - July 2019

- Designed and developed a communication protocol between IoT devices and mobile/web applications, utilizing STUN, TURN, and ICE NAT Traversal protocols, using Java, Netty, and C.
- Designed and developed a MySQL database system for storing and retrieving user and device information.
- Designed and developed a REST API server using PHP to integrate Google Home and Amazon Alexa Smart Home services.
- Designed and developed front-end applications to view and control IoT devices on Android, Tizen, and the Web.

Tizen Developer - Outsource Contractor
CONNECTIVIOT LLC, Bellevue, WA

Dec 2015 - Feb 2017

- Developed a Tizen Wearable smart car application for Mercedes-Benz.
- Developed a Tizen Wearable GPS tracking application for Glympse.
- Developed a Tizen Wearable news highlights application for USA Today.
- Developed a Tizen Wearable golf score and shot tracking application for TaylorMade.

Software Developer
TECACE Software Ltd, Bellevue, WA

Apr 2011 - Sept 2014

- Developed an MMS/SMS Android application for Samsung Mobile.
- Developed an Android NewsAce RSS Feed Reader.
- Developed a web crawling server and management site for the NewsAce RSS Feed Reader.
- Developed the NewsAce RSS Feed Reader for Tizen and Tizen Wearable.
- Developed the Samsung Music Hub application for Windows 8 (Metro).

Education

Bachelor of Science - Computing and Software System
University of Washington Tacoma, Tacoma, WA

Mar 2011

Certificate

Meta Front-End Developer Certificate
Coursera

Aug 2023

Skills

Programming Languages

Java, Kotlin, C, Python, HTML, JavaScript, TypeScript, CSS, PHP, Flutter, SQL

Libraries & Frameworks

React, Next.js, Tailwind CSS, Android, Tizen, SQLite, Prisma DB, Netty

Tools & Platforms

Android, Tizen, Git, Github, Figma

Selected Projects

Realtime Webcam Object / Face Detection with MediaPipe

AI Powered object detection web application built with React, Next.js, Three.js, and MediaPipe Vision Tasks. This app features Object Detection, Face Detection, Gesture Recognition, and Face Landmarks.

Promptopia

Promptopia is a site where you can share your AI prompts. This project uses React, Next.js, Next-Auth, TailwindCSS, Prisma, MongoDB, and TypeScript.

AI-Poet & ChatPDF

AI-Poet is to ask AI to generate a poem when the subject is given. ChatPDF is to upload PDF for AI to study, and ask questions to AI regarding the PDF content. This project uses OpenAI API and LLAMA 2 with LangChain, Streamlit, and ChromaDB

Languages

English, Korean