

Josh Chua

joshjchua@protonmail.com • joshchua.com • github.com/joshchua

Work Experience

Software Developer Team Lead

October 2021 — Present

Epic, Verona, WI

- Managed a small team of software developers and continued software development responsibilities on the Unified Communications team.
- Acted as the owner for Epic’s Alert Communicator functionality which transmits third-party patient device and nurse call alarms to Epic apps as notifications. I was the point person for vision, development, and issues for this area.
- Led customer calls including roadmap, sales, design, and troubleshooting discussions.
- Managed projects developed by my team to ensure quality and timely release.

Software Developer

June 2020 — Present

Epic, Verona, WI

- On Epic’s Unified Communications team, I designed and developed enhancements and fixes for Epic’s clinical communiations platform, which includes secure texting, push notification infrastructure, and role-based communication.
- Developed full-stack solutions for Epic’s main clinical desktop web application using C#, TypeScript, and React and for Epic’s clinician-facing mobile apps, using Java, Kotlin, Objective-C, and Swift.
- Mentored five developers in their first year of full-stack web and mobile development.
- Acted as Unified Communications’s Database Model Reviewer and reviewed proposals and changes to the Epic’s proprietary database.
- Performed phone screens and interviewed software developer candidates weekly.

Software Development Intern

November 2019 — May 2020

Initech Global, Grand Rapids, MI

- Integrated an internal ERP application with QuickBooks Online using Java, Spring, Angular, and MySQL.
- Architected the version 2 of the internal ERP application and its migration from AngularJS to Angular 9.

Industrial Internet of Things and Data Lake Intern

May 2019 — November 2019

Steelcase, Grand Rapids, MI

- Prototyped Microsoft Azure IoT Edge on a Raspberry Pi to determine viability as a means of collecting IIoT data at Steelcase factories.
- Developed a real-time dashboard to visualize IIoT data using React, Redux, TypeScript, and Azure SDKs.
- Led a group project for an intern hackathon and mentored teammates in learning Git, C#, React, and SQL.
- Assisted in the migration of pieces of the Data Lake infrastructure from Microsoft Azure to Snowflake.

Desktop Support Student Technician

October 2017 — May 2019

Grand Valley State University, Grand Rapids, MI

- Troubleshooted computer hardware and software issues for university faculty.
- Scheduled appointments to install new equipment or fix issues.

Software Development Intern

December 2018 — March 2019

BDO USA, Grand Rapids, MI

- Created a user provisioning screen for an existing .NET MVC web application.
- Fixed issues with an .NET and Angular application that was developed by a third party vendor.

Education

Bachelor of Science in Computer Science

August 2016 — May 2020

Grand Valley State University, Grand Rapids, MI

Skills

- **Programing Languages:** Python, Go, C++, C#, Java, Kotlin, Objective-C, Swift, JavaScript, TypeScript
- **Web Development:** React, Angular, .NET MVC, Node.js
- **Mobile Development:** Android, iOS (UIKit, SwiftUI), React Native