Jeremy Glebe

Contact Information

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Summary

I have been programming in JavaScript for over 7 years and am proficient with and without modern frameworks. I have 3 years of professional experience developing Angular and Vue web applications, as well as some work on native mobile apps. I am an educator with experience teaching 5th grade all the way through college seniors. This has provided me much insight on collaborative learning and cooperative development. I am considering positions in software development, education, or a combination of the two.

Background

Security Service Federal Credit Union (Remote, San Antonio, TX)

Hybrid Mobile Developer March 2023 - Present

- Development of mobile banking app for use by members of the credit union
- Ionic cross-platform development for iOS and Android
    - Utilized Capacitor for native shell and deployment
    - Codebase utilized Typescript and Angular for the frontend
- Integration with existing banking systems and APIs
- Developed a modern Dashboard for monitoring reports from the mobile app and other internal applications
- Modified and integrated .NET APIs for use with the mobile app and Dashboard (C#)

Factset Research Systems (Remote)

Software Engineer (Contractor) August 2022 - February 2023

- Implementing frontend designs using Vue.js for a FinTech mobile application
    - Scaling of authentication application to be used on tablet-sized devices, focusing on standard iPad sizes
    - Porting existing dashboard designs from web applications into mobile frontend and ensuring reactivity
- Handling authentication flow and handling of multiple authentication methods
- Debugging and correcting errors in the existing codebase which causes crashes or otherwise affects user experience
- Maintaining and improving native shells (iOS, Android) for packaging the Vue.js application as a mobile app

Christus Health (Irving, TX)

Application Developer May 2022 - August 2022

- Implementation of native mobile apps integrated with Electronic Health Record systems

- Interfacing between MyChart SDK and frontend mobile app using Kotlin and Swift
  - Implementation of deep linking (via MyChart SDK)
  - Implementation of push notifications to both android and ios (via Firebase)
- Management of Apple app standards for iOS applications
- Design of emergency alert systems and mobile app integration using Xamarin (C#, .NET)
  - Integrating with existing hospital systems and Okta authentication

Silver Bullet Web Solutions (Bowie, TX)

Software Engineer April 2021 - April 2022

- Designed and implemented an employee and ticket management system for contracting companies
    - Utilized Ionic (a hybrid mobile app library) as well as Angular on the frontend and deployed as a Progressive Web App (PWA)
    - Front end was designed using Typescript components, HTML templates, CSS styling
    - The backend was implemented as a REST API in PHP
- Developed and deployed cross-platform progressive web apps
    - Deployed using a general purpose Apache web server
    - Tested against common PWA requirements via Lighthouse audits

Dexter School (Wichita Falls, TX)

Computer Science Educator October 2021 - May 2022

- Instruction of students from 5th-12th grade in Computer Science topics
- Design and implementation of CS curriculum for all grade levels
- Courses I taught:
    - AP Computer Science
    - Advanced Computer Science Foundations
    - Mobile Game Design
    - Robotics
    - 3D Printing
- Additional courses I tutored:
    - Computer Science Foundations
    - Scratch Programming

Midwestern State University (Wichita Falls, TX)

Adjunct Professor (Computer Science) January 2021 - July 2021

- Designed course material for courses and instructed classes of students ranging from freshmen to seniors.

Education

- **M.S. Computer Science** (May 2023)
    - University of North Texas • Denton, TX • 3.5 GPA
- **B.S. Computer Science** (December 2019)
    - Midwestern State University • Wichita Falls, TX • 3.7/3.9 GPA