Kyle Falconer

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West Sacramento, California

WORK HISTORY

Vuzix Corporation (Remote)
Senior Software Engineer
August 2022 to January 2024

- Sole contributor responsible for redesigning and simplifying the Android Open Source Project's DocumentsUI app to be the new File Browser for the Vuzix Smart Glasses using Java and Kotlin.
- Developed an Android application in Kotlin to demonstrate what warehouse operations would look like when using a Zebra handheld barcode scanner with the Vuzix Z100 Smart Glasses.

Hopper (Remote)
Senior Software Development Engineer
July 2021 to June 2022

- Developed features for the Android version of the Hopper app, including the Frequent Flyers feature.

Amazon (Santa Cruz, California)
Software Development Engineer II
January 2017 to July 2021

- Contributed to Alexa projects for Android, including the Alexa Care Hub feature and Tap To Alexa.
- Created the captions feature in the Alexa Voice Service Device SDK using C++11, enabling third-party device developers to add captions support to their products.

Santa Clara Valley Transportation Authority (San Jose, California)
Full Stack Developer
February 2016 to January 2017

- Developed and maintained web applications in JavaScript, Node.JS, Python, and Django, collaborated with cross-functional teams on internal and public-facing features.
- Spearheaded the implementation of the open-source policy and GitHub adoption.

IBM (San Jose, California)
Software Engineer
January 2015 to February 2016

- Maintained multi-platform applications in C and Java for IBM Content Manager.
- Added features to DB2 Text Search integration.
- Added integration with the Box API to Content Manager using C#.

Missouri State University, Office of Web and New Media (Springfield, Missouri)
Web Works Student Developer
July 2011 to August 2014

- Implemented CSS templates and JavaScript/AJAX widgets for high-traffic sites in the university's CMS.
- Developed and maintained internal applications and web templates using ASP.NET, C#, and Microsoft SQL.
- Developed features for the Android version of MSU Mobile app, using Java and ASP.NET/C# for server-side.

EDUCATION

Missouri State University
Bachelor of Science in Computer Science, minor in Mathematics, December 2014