

**Engineering leader with a strong foundation in mobile, web, and cross-platform software development.**

I bring deep experience in React Native, Swift, Android, and Unity, with a focus on delivering polished user experiences and high-performance applications. I prioritize stakeholder impact, sustainable development, and technical excellence.

**EXPERIENCE**

**Strivr, Palo Alto, CA**

*September 2020 - Present*

*Senior Engineering Manager (2023 - Present)*

- Manage a 7-person team working across mobile and web stacks including React, Swift, Android and Unity.
- Spearhead mobile platform development at Strivr (iOS, VisionOS, Android).
- Own development of Strivr's content authoring tools built in Node/React alongside Unity with WebXR.

*Staff Software Engineer (2022)*

- Designed and built Strivr's playback engine for conversational training use cases.
- Led implementation of the Strivr SDK, enabling third-party partners to build in our ecosystem.

*Senior Software Engineer (2020-2021)*

- Designed and implemented the headset client-side content management system using Android's WorkManager for background download orchestration.

**Zenuity, Farmington Hills, MI**

*October 2017 - September 2020*

*Senior Software Engineer*

- Led development of supervised ADAS in-vehicle experiences with Unity3D / C#.
- Built sensor data visualization tools with Unity3D / ShaderLab, and Qt/QML.
- Wrote ASIL-D driver monitoring production software (C++).

**Robert Bosch LLC, Plymouth, MI**

*February 2014 – September 2017*

*Software Engineer (2016-2017)*

- Developed production HMI software for the Corvette C8 digital instrument cluster using C++ and CGI Studio.

*Professional Development Trainee Program: Technical Trainee (2014-2016)*

- Completed a two-year leadership development program with rotations in embedded systems and software engineering.

**Tesla Motors, Palo Alto, CA**

*May 2012 – August 2013*

*Systems Test and Integration Engineering Internship (Summer 2013)*

- Built Python/Django tools for analyzing mobile fleet telemetry data.

*Field Support Engineering Internship (Summer 2012)*

- Added mobile diagnostic features to internal service tools for the Model S platform.

**Space Exploration Technologies, Hawthorne, CA**

*January 2012 – May 2012*

*Avionics Internship: Power Electronics Development*

**University of Michigan Solar Car Team, Ann Arbor, MI**

*September 2010 – December 2011*

*Power Division Head (2010-2011)*

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**EDUCATION**

**University of Michigan College of Engineering, Ann Arbor MI**

*December 2013*

B.S. Electrical Engineering