

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)

EDUCATION

University of Michigan College of Engineering, Ann Arbor MI

December 2013

B.S. Electrical Engineering