

Results driven engineering manager with extensive experience in software development, team leadership and project management. I prioritize stakeholder impact, sustainable development and technical excellence in all products I support.

EXPERIENCE

Strivr, Palo Alto, CA

September 2020 - Present

Senior Engineering Manager (2023 - Present)

- Lead a team of 7 software engineers across React, Android, Swift, and Unity/C# technology stacks.
- Develop and maintain Strivr's content authoring tools and playback engines, delivering advanced capabilities for virtual and mixed-reality experiences.
- Facilitate Android headset, WebXR, and mobile compatibility on the Strivr platform.

Staff Software Engineer (2022)

- Designed and led the implementation of playback engine built in Unity/C# for Strivr's no-code authoring tool.

Senior Software Engineer (2020-2021)

- Designed and implemented the headset client-side content management system as a native Android library using 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)

- Built production software using CGI Studio (C++) for the Corvette C8 digital instrument cluster.

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

- Completed a two-year technical leadership program, including four six-month rotations in software and electronics engineering.

Tesla Motors, Palo Alto, CA

May 2012 – August 2013

Systems Test and Integration Engineering Internship (Summer 2013)

- Wrote an internal web tool for fleet analysis using Python/Django and SQL.

Field Support Engineering Internship (Summer 2012)

- Implemented features on Tesla's field support diagnostic tool for the Model S.

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