

# CAMERON STEELE

## Software Engineer

📞 (512) 694-0327    @ Cam.steeleis@gmail.com    📍 Cedar Park, TX

### EXPERIENCE

#### Founding Software Engineer

[LibLab](#)

📅 05/2022 - Present    📍 Austin, TX

Generate SDKs and docs that stay in sync with your API

- Built and maintained OpenAPI Compiler and Code Generation Platform
- Built and maintained DevOps practices, internal infrastructure and pipelines
- Provided technical support, consulting and onboarding for customer engineering teams
- Built and maintained the public liblab CLI
- Built TypeScript, PHP, Java & Kotlin Support in Code Gen Product
- Gave talks, wrote blogs, docs and tutorials on product features and integration

#### Innovation Engineering

[Raytheon SAS / RIS](#)

📅 01/2020 - 05/2022    📍 McKinney, TX

🔗 <https://www.rtx.com>

Space and Mission Assurance

- Modernized tedious and inaccurate procedures with new technological solutions
- Developed AR & VR content for Hololens 2 and ARKit using Unity3D and Unreal Engine
- Collaborated with various internal departments including manufacturing
- Built internal tooling for data pipelines and systems between different platforms
- Built internal CI/CD Pipelines for updating and deploying internal applications and tooling
- Containerized Legacy Applications with Docker

#### Software Engineering / Extended Reality Consultant

[Immosis](#)

📅 01/2018 - 2020    📍 Richardson, TX

🔗 <https://immosis.com/>

Create unforgettable experiences using VR/AR.

- Consulted and Prototyped VR and AR experiences for clients
- Conducted viability analysis on new hardware and technologies such as: Magic Leap, Oculus Quest and Microsoft HoloLens
- General consulting for client success

### EDUCATION

#### ATEC

[The University of Texas at Dallas](#)

GPA  
**3.6** / 4.0

📅 01/2018 - 05/2022

#### Computer Science

[The University of Texas at Dallas](#)

GPA  
**3.8** / 4.0

📅 08/2016 - 2020

### LANGUAGES

JavaScript / TS    Native    ●●●●●●

Python    Intermediate    ●●●●●●

C#    Intermediate    ●●●●●●

Java / Kotlin    Intermediate    ●●●●●●

Go    Beginner    ●●●●●●

### SKILLS

#### Technologies / Tools

Typescript / Javascript    Node.js

Docker    REST    Python    IoT

Edge Computing    SQL

Additive Manufacturing    CAM/CNC

Linux    VR/AR/MR    MQTT    CI/CD

Microservices    RPI    Balena

AWS    Go

## EXPERIENCE

### Full Stack Engineer / R&D Engineer

[Project Atlas | Bluebeam](#) 📅 05/2018 - 08/2018 📍 Dallas, TX  
🔗 <https://projectatlas.com> |

Building connected Job sites by using modern mapping technologies

- Developed internal workflow tools in Node.js
- Lead R&D into an Augmented Reality version of Atlas
- Built AR applications with GIS integration
- Authored internal GIS tooling

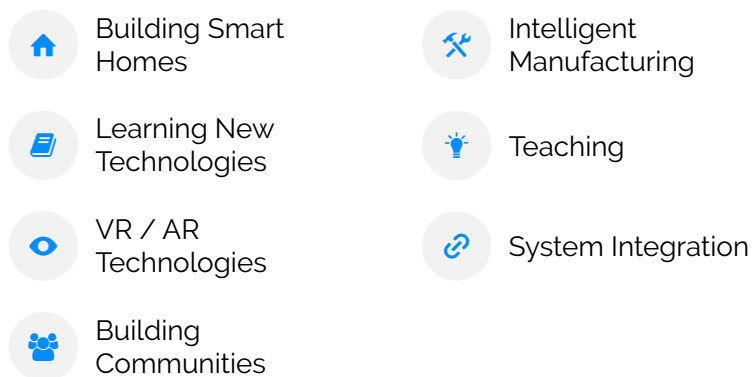
### Software Engineer

[GateCode](#) 📅 06/2017 - 01/2018 📍 Austin, TX  
🔗 <http://www.gatecode.me/>

Property Access via Smartphone

- Maintained and developed custom hardware based on RPI
- Moved back-end services to containers
- Developed Internal Micro-services
- Improved API

## PASSIONS



## FIND ME ONLINE



## ON-CAMPUS ACTIVITY

### President

[UTDesign Makerspace](#)

📅 10/2018 - 05/2022

Working with sponsors, managing internal software development teams, and overseeing general operations of the makerspace at UT Dallas. Scheduling, running, and teaching workshops, social events, and hackathons.

- Developed an internal Kubernetes cluster service
- Built many microservices and APIs
- Introduced a real-time messaging system for smart-equipment and services via MQTT
- Managed 3D Printing farm, purchasing, maintenance and Firmware Development
- Built out SSO, User-Storage, Identity Management

### VR Researcher

[ATEC FIVE Lab](#)

📅 2017

Provided quantitative data to research partners and sponsors

- Designed and performed Usability research for experimental partner hardware

### Resident Engineer

[Lightsquad / 3D Studio](#)

📅 2020 - 2022

Designed, Built and Deployed, Software, Hardware and Infrastructure. Involving IoT, Generative/Procedural Art, AI/ML, VR/AR, Edge Computing, and Networked Synced Activity for art installations and shows with the UT Dallas Light Squad and 3D Studio.

### President

[Extended Reality Society at UT Dallas](#)

📅 11/2018 - 2020

Leading operations of the Extended Reality Society at UT Dallas.