

Andrew Steinheiser

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EDUCATION

Arizona State University

Bachelor of Science in Computer Science

Aug. 2014 – Dec. 2017

Tempe, AZ

SKILLS

Languages: TypeScript, JavaScript, HTML/CSS, SQL, Go

Frameworks: React, React Native, GraphQL, Next.js, NestJs, Node.js, SST, Express, XState, Tailwind, Shadcn

Developer Tools: Git, Docker, AWS, Terraform, Datadog, Sentry

DB/CMS/Index: PostgreSQL, DynamoDB, MongoDB, Firestore, Contentful, Hygraph, Algolia, Typesense

AWS Tools: Lambda, API Gateway, Event Bridge, S3, SQS, SES, EC2, ECS, IAM, Step Functions, Route 53

EXPERIENCE

Senior Software Engineer

Sibi

June 2021 – Mar. 2025

Gilbert, AZ (Hybrid)

- Worked closely with product and design to build, test and evaluate features for the Sibi platform.
- Contributed to the migration of legacy APIs and DBs to a new microservice architecture.
- Frequently and successfully spearheaded data migration scripts, including a 7 million row migration.
- Architected and maintained microservices on AWS (SST), utilizing Lambda, Event Bridge, DynamoDB and SQS.
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Senior Software Engineer

Magic Leap

Sep. 2020 – June 2021

Fort Lauderdale, FL (Remote)

- Read internal documentation and implemented key user authentication APIs to support the MagicVerse platform.
- Developed APIs to store data for MagicVerse users and their settings written in NestJs (TypeScript).
- Worked on a middleware service for managing complex permissions leveraging Istio (Envoy) running OPA policies.

Software Engineer

Sibi

Mar. 2019 – Sep. 2020

Gilbert, AZ (Hybrid)

- Rewrote and maintained the React Native mobile application responsible for about 20% of purchases on platform.
- Helped reduce development time by refactoring and reusing code between the React web and mobile applications.
- Worked on a native iOS experiment leveraging augmented reality to allow users to "place" items in their homes.
- Made updates and improvements to the federated GraphQL API (TypeScript) to support feature requests.

Software Engineer

Fyresite

Dec. 2017 – Mar. 2019

Phoenix, AZ

- Worked directly with clients to build spec sheets, wireframes, timelines, and pricing estimates for features.
- Architected and implemented fullstack web and mobile applications using React, React Native, MySQL and AWS.
- Solely developed the Clutch mobile app, which was used by over 1,000+ members of DZ at ASU for their events.
- Built Zinkn, a rideshare app that matched elderly users with licensed care professionals via AWS Step Functions.
- Worked on Ten Minutes, a HIPAA compliant mobile app that provided situational information about anesthesia.

Software Engineering Intern

Citrix - Octoblu

Nov. 2014 – Nov. 2017

Tempe, AZ

- Pair programmed with senior developers to build features for the web IoT platform using React.js and AWS.
- Deployed changes for our web apps and connectors, such as app.octoblu.com and [meshblu-connector-skype](https://meshblu-connector-skype.com).
- Helped support users via Intercom chat to make onboarding and setting up custom automations easier.
- Created over 15 blog posts showcasing automations using the IoT platform, which can be seen on hackster.io.

PROJECTS

AmpSkate | *TypeScript, React, Next.js, Postgres, Docker, AWS ECS, Terraform* Dec. 2021 - June 2023

- A grassroots web app to foster community, provide information and teach people how to learn longboard tricks.
- Worked asynchronously with a UI developer from Italy and 2 marketing and content creators from Los Angeles.
- Architected and implemented the web app, API and CMS that served over 500 active users per month.
- Provided scopes, timelines and pricing estimates for feature development as well as evaluation of 3rd party APIs.
- [instagram.com/ampskate](https://www.instagram.com/ampskate)

React RPG | *JavaScript, React, React Native, Redux, HTML/CSS* Sep. 2018 – Mar. 2022

- Created a 2D top-down open-source RPG in React from scratch using Redux and some CSS animations/tricks.
- Has a story mode as well as a randomly generated infinite mode, where maps and monsters are created on the fly.
- 10+ people contributed over the course of 4 years, and the project now has 350+ stars and 50+ forks on GitHub.
- One of the top maintainers of Redux personally helped identify a longstanding bug in the core Redux store code.
- A group at Uni. of Auckland used this project for their CSE732 class by modifying the game to mimic DnD:5e.
- Try it out at react-rpg.com or check out the [github](#) for links to blog posts where I describe my process and goals.

LEADERSHIP EXPERIENCE

SunSesh AZ Feb. 2021 - Present
Founder and Organizer *Tempe, AZ*

- Host a weekly longboard dancing/freestyle meetup in Tempe, AZ, partnered with Loaded and Orangatang.
- Encourage and provide resources for local longboard enthusiasts that are new to the sport.
- Push members of the community to share their knowledge through events like downhill clinics and jam sesssios.
- Moderate a discord server with the goal of sharing tips, selling gear, etc. for over 100 members local to the valley.
- [instagram.com/sunsesh.az](https://www.instagram.com/sunsesh.az)

SAVG Thread June 2017 - Aug. 2018
Founder and Designer *Tempe, AZ*

- Launched a clothing brand by collaborating with local photographers, models, artists and clothing designers.
- Created and sold t-shirts with custom modifications, such as zippers, bleaching, etc. via my SquareSpace website.
- Worked with a local manufacturer to finalize my kimono pattern and produce a line of 25, which sold for \$139/ea.
- Sold multiple custom lines of t-shirts, including a commission for a local artist for their short film.
- [instagram.com/savgthread](https://www.instagram.com/savgthread)

AWARDS

2024 Most Innovative Project @ Sibi HackAIthon - Sibi, Gilbert, AZ
2023 Runner Up @ Sibi HackAIthon - Sibi, Gilbert, AZ
2017 Cisco IoT Finalist @ Smart City Hack - City of Phoenix, Phoenix, AZ
2017 Best Use of AWS @ HackAz - University of Arizona, Tucson, AZ
2016 1st Place @ Startup Weekend - University of Arizona, Tucson, AZ
2016 Best Beginner Hack @ HackAz - University of Arizona, Tucson, AZ
2015 Nodebots Champion @ Nodebots - Heatsync Labs, Mesa, AZ