

Austin Gayler



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Nationality: USA
Location: Interlaken, Switzerland (UTC + 1)

Mission

Frontend-leaning engineer with a background in full-stack, primarily shaped by experience in dynamic startup environments. Motivated by building intuitive and elegant UI and UX.

Education

Bachelor's of Science, Computer Science - **Montana State University**
August 2012 - May 2016 | Bozeman, MT, USA

Experience

Software Consultant (2021 - Present)

Consulting references available upon request.

Zeit Medical

For Zeit Medical I built both an iOS and Android application using **React Native/Expo** to onboard stroke detection study participants and help them provision Zeit's IoT device with local WiFi credentials via **Bluetooth**. The mobile application is used by 300 study participants and connects with the device to show **real-time websocket data** about the participants' hardware state and health.

Lennar Corporation

I worked with engineering firm HappyFunCorp to build a tool with **React and Apollo** for a Fortune 500 client to manage construction details of homes. The main functionality is **live spreadsheet-style data editing**, and the production version handles about 50,000 homesites spread across five US states.

Wyssen Seilbahnen AG

With Wyssen I worked on an **IoT dashboard** for **avalanche detection and mitigation** systems, building features, performing bug fixes, and modernizing the software toolkit for a monolith PHP web app using **Vue, React, and jQuery micro-frontends**. The dashboard pulls data from approximately 600 IoT devices distributed across eight different countries, with security considerations for control of explosives, and uses **data-heavy maps with Leaflet** to integrate avalanche, weather, and topographical data

Lateral GmbH / Frontend Engineer

February 2019 - January 2021 | Berlin, DE

I specialized in using React to build training interfaces for machine-learning models. I built and grew a suite of tools to classify, group, and relate documents.

- Implement **highly performant HTML Canvas** interfaces to edit and draw on 100+ page text-rich PDFs
- Achieved consistency in tool UIs by growing a shared component library using **React/Storybook**
- Built admin training interfaces to manage documents and data relationships for classifiable entities
- Wrote component tests using **react-testing-library**

The Business Garage / Full Stack Engineer

June 2016 - January 2019 | Bozeman, MT, USA

The Business Garage is a software development consultancy specializing in startups. I worked on React frontend interfaces, constructed REST APIs, built Android apps, and managed infrastructure on AWS.

- Built a **landing page, admin dashboard, REST API, and AWS infrastructure** for an SMS-based promotion entered by **up to ~15,000 people simultaneously** at Major League Baseball games (using **AWS Lambda**)
- Developed **Leaflet maps** to display event staff **NFC and GPS location data**, with staff members regularly pinging NFC beacons placed onsite
- Researched and feasibility-tested a number of different **cutting-edge tools for speech processing** (recognition, scoring, speaker diarization, sentiment analysis, text summarization), and built a web interface to upload inputs, send them to different audio APIs, and visualize the results.

ShareLift / Lead Full Stack Engineer

August 2015 - April 2016 | Bozeman, MT, USA

A startup leveraging ridesharing culture for the ski community of Bozeman.

- Led the development of a cross-platform app allowing users to share car rides to two local ski resorts, using **MeteorJS, Angular, MongoDB and Cordova** for rapid prototyping and **real-time data propagation**
- Organized initial project development and integrated contributions from two other developer interns
- **Gathered feedback onsite** during testing, talking to drivers and riders at the resort
- **Managed builds and deployment** to respective app stores

Technologies

JavaScript (React, React Native, Redux, TypeScript, Node, Express, React Testing Library, Storybook design systems, Leaflet, Vue, Angular, jQuery), HTML/CSS (responsive design, Tailwind, Bootstrap, Semantic UI, SCSS), Python, AWS, PHP, Git

About Me

Outside of the technology world, I love being in the mountains: running, skiing, climbing and paragliding all bring me immense joy. Salsa dancing and acro yoga also keep me busy. I'm based in Interlaken, Switzerland, where there are many opportunities to stay active!