

Andrew Jarrett

Functional Programmer

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[linkedin.com/in/ahrjarrett](https://www.linkedin.com/in/ahrjarrett) in

github.com/ahrjarrett GitHub

Austin, Texas 📍

Tech skills

fp-ts typescript graphql react node
postgres scala gcp clojure adts
python

Education

Lambda School 2017-2019

Full-Stack Web & Computer Science

Northwestern University 2008-2012

English, Critical Theory

Work History (current)

Bestow 📍 Austin, TX (Remote)

Software Engineer Apr 2021 - Present

- Led a team of 5 engineers to v1 release of a purely functional library using fp-ts
- Built an SDK that 3 internal teams have used to launch greenfield projects
- Released internal TypeScript library `vouchsafe` that is currently replacing lodash across our tech stack
- Introduced `io-ts`, `monocle-ts`, and more generally, DDD (domain-driven design) into the dev-culture

Work History (past)

Kazoo 📍 Austin, TX (Remote)

Software Engineer May 2020 - Feb 2021

- Introduced & deployed "fp-ts" library into production, despite the dev culture being strongly Java/OO-oriented
- Built & maintained data visualizations across all product dashboards
- Stream & aggregate data from various PostgreSQL & MongoDB databases into Databricks (Scala) & BigQuery to create ad hoc reports
- Manage team of contractors to delegate & review work
- Work closely with Architecture team to expose more of the domain model via GraphQL; deployed `fp-ts` library into production in an effort to improve type

LOU Assistant 📍 Austin, TX

Software Engineer Oct 2019 - Mar 2020

- Integrate Stripe into our product, write FE & BE tests that make sure it stays there
- Authored LOUtils, a tiny utility library that DRY-ed out our frontend code without destroying it
- Create webpack build for in-house Chrome Extension, extend Redux DevTools to talk to it

OwnLocal 📍 Austin, TX (Remote)

Software Engineer Apr '18 - Sept '19

Production Team Lead Aug '16 - Apr '18

- Frontend Architect for Typelaunch MVP
- Monitor & maintain flagship React/Rails app
- Configure Kubernetes to scale network of 100+ GCP apps to handle product launch
- Write PostgreSQL queries & thin D3 client that enabled sales to track their KPIs in real time

