Brady Ouren
Software developer

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Work history

Narvar (Lumi acquisition)   *Dec 2021 – Sept 2023*
- Building an entirely new team
- Scaling and upgrading services for new work loads
- Optimizing performance and increasing observability

Lumi   *Nov 2017 – 2021*
- Built code generation from a haskell backend to comprehensive purescript bindings
- Worked on complex DSL for package specifications
- Managed large scale projects in multi-faceted applications
- in-depth haskell and postgres work across a complex product domain
- Lead product development initiatives over 4 years of product changes
- various mentoring and hiring responsibilities

VennPT / AndAnd LLC (Partner / Owner)   *Jan 2016 – Jan 2018*
- Built a mobile application and backend powering a phyical therapy application.
- Worked on funding, sales, product development, etc within VennPT
- Consulted on behalf of AndAnd clients with varying backgrounds, company sizes, and project scales. Including GIS, Transcoding, Search, and many others

Zest Finance   *May 2015 – Aug 2016*
- Built REST API's and client adapters for microservices in a loan platform
- organized complex loan servicing logic with parsers and batch jobs
- Designed and built a DSL-type debugging tool for Zest's microservices
- Worked closely with data science team for data-pipeline and containerization needs

Sports Engine   *Mar 2014 – Feb 2015*
- Built & shipped a platform for tracking, informing, and collect fees from members.
- Paired in small team to meet customer specs
- Full rails-stack implementation from greenfields to completion
- Activerecord/postgres optimizations for reports & custom json datastore queries

Sparkweave   **2013 – 2014**
- Built python (django) integrations for a deduplicating storage platform

Open Projects & Presentations   **github.com/tippenein**
- Code gen bridge talk
      presentation on how to generate frontend types from your backend api
- Generating parsers talk
      presentation focused on using haskell parsers for financial data
- Reflex FRP and reactive interfaces
      About the ghcjs reactive framework Reflex and some basic FRP concepts
- Bank holidays – Library for counting and identifying bank holidays
- countable-inflections (rails-like inflections) – singularize/pluralize almost any text
- hasken (searchable local text index)
- Dusk (full RSVP system prototype)

Education   **University of Minnesota (Twin Cities)**   *2009 – 2013*