Harry Grumbar
=============

About Me

I'm a full-stack developer based in London. I have strengths in front-end
development using popular libraries and over 7 years' experience building
and delivering software.

Having worked in highly FP-oriented teams I am a strong proponent of
functional programming in modern scalable applications. A focus on
testable and predictable code is core to my programming principles.

When building for the front-end I enjoy using React with which I work
with almost exclusively in TypeScript. I am a strong believer that a
modern type system and compiler brings many benefits to the reliability
of one's code and helps and greatly reduces the number of errors.

When I'm not building React apps I also enjoy tinkering with server
applications in Node and Elixir as well as working on open-source
projects.

_____

Experience

Bulb

Software Engineer / May 2018 – Present

Bulb is a renewable energy provider that heavily relies on its technology
to differentiate itself from the competition. Among the first full-time
engineers to be hired I've worked across a number of areas of the
business delivering software and working cross-functionally to help shape
and develop new products.

We make extensive use of data to drive the way we design features. New
features are often rolled out as experiments using toggles while we
measure their performance.

A few of the projects and responsibilities I've been involved with:

- Designed and built a new business-critical payment system (Bulb Pay)
  on urgent timelines.
- Re-architected and designed new authentication infrastructure to allow
  members to access their Bulb accounts more easily and securely.
- Built complex back-end tasks to detect and manage revenue-related
  issues. These jobs involved processing large volumes of data
  efficiently and reconciling state changes between runs.
- Been extensively involved in techical hiring and interviewing, and
  mentoring junior developers.

Goodlord

Software Engineer / May 2016 – May 2018

Working in a diverse team using multiple languages and tools I was mainly
responsible for building web user interfaces for the principle products,
"Pro" and "Direct", that serve the users of Goodlord, a platform for
streamlining the process of letting a property. We worked in small squads
following agile principles delivering iterative work as well as
infrastructure and dev-ops improvements.

- Built and maintained the core business logic and UI component library
  for both platforms in React/TypeScript and accompanying living style
  guide.

Contact

- London, UK
- harry@grumbar.me
- github.com/harrygr
- stackoverflow.com/story/harryg

Languages

- English (native)
- French (intermediate)

Programming

- JavaScript/Node
- TypeScript
- React
- Kubernetes
- Elixir/Phoenix
- Elm
- Docker
- Git
- GCP/AWS/Cloud

- Made key architecture and library decisions to ensure that developer
  happiness was kept high and the codebase remains testable and
  maintainable.
- Championed the usage of atomic and functional styles to help control
  the CSS footprint of our applications. We also experimented with css-
  in-js approaches to further improve code reusability and
  componentisation.
- Participated in team "guilds" (Functional Programming, Front-End Dev,
  Testing, Dev-ops) that allowed us to learn alongside our colleagues
  and further our knowledge in the respective areas.

Education

CFA Society UK

Investment Management Certificate / 2011

University of Bristol

Master of Engineering, Civil Engineering / October 2006 – June 2010

Skills and Interests

I enjoy spending my time keeping up to speed with the latest developments
in tech and the software startup world as well as trying to further my
programming abilities such as delving into category theory and FP
principles.

I am also a keen sportsman and particularly enjoy cycling, tennis,
skiing, and football as well as being an avid traveller.