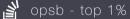
Oliver Searle-Barnes

Passionate full stack leader Founder, CTO, VP Engineering, Architect 16 Years experience

FnCasts - watch me code on youtube







INTRODUCTION

Building software that people actually like to use is what gets me going. With 20 years experience I've delivered successful products for the Telecoms, Retail, Publishing, Energy, Charity, Health and Beauty and Domestric appliance sectors. I've led teams to build a wide variety of projects including realtime social platforms and project management tools, business Intelligence, custom content management systems, online stores and browser extensions.

From day one I've been an agile practitioner, whether it's Scrum or Kanban, Lean, BDD, outside-in, pair-programming, you name it, I've been doing it for years. I've usually led from the front but I'm comfortable working in many different styles and value project consistency over personal preferences so am equally comfortable working alone or slotting into an existing team.

SKILLS

	years
Elixir / Phoenix	5
Ruby on Rails	8
Elm	5
React	3
Typescript/Javascript	14
Java	6
SQL	20
Firebase	2
OLAP / MDX	4
Event-sourcing/CQRS	2

ye	ears
Scrum / Kanban	18
BDD / TDD	18
Git	14
Realtime systems	. 7
HTML	20
CSS / SASS	18
00	20
Functional	. 8
AWS	12
Terraform	. 4

OPEN SOURCE

fncasts / fnchess

Paired with a friend on youtube to build a chess game in Elm backend by Phoenix-Channels for realtime. See https://fncasts.io for the episodes.

orbitjs / orbit

A javascript library for orchestrating data synchronization. See **http://orbitjs.com** for more information.

saschatimme / elm-phoenix

Integration between Elm and Phoenix channels

opsb / elm-debouncer-fx

An Elm effect manager for debouncing events

opsb / patchstream

Emits json patches as rails active records are updated

opsb / cv-elm

The code used to generate the CV you're reading right now

COMMUNITY

I love to meet other developers and hear what they're getting up to. In Barcelona I'm a regular at the Elixir meetup and run the Elm hack night. I'm also regularly in London and Berlin so I make sure to pop into the local Elixir and Elm meetups there.

Online you'll regularly find me in the Elixir and Elm slacks. I've found both communities to be really friendly and helpful.

EDUCATION

Artificial Intelligence

2/1

2001-2004

Sussex University

ollysb

EXPERIENCE

Tastermonial

Consultant

Jun 2023-Nov 2023 Cupertino / Remote

Tastermonial App

Replaced MVP with a high performance and reliable mobile App using Flutter and Phoenix. Built out AWS infrastructure and supporting build pipelines.

Elixir, Flutter, Sglite, Postgres, AWS/Terraform

Boulevard

Consultant

Oct 2021-Jun 2023 Los Angeles / Remote

API and Platform Services

Joined the API team to scale platform services and integrations with 3rd party services.

Elixir, Postgres, React, Typescript, AWS/Terraform

Vorwerk

Consultant

Apr 2021-Sep 2021 Wuppertal / Remote

Kobold

Bootstrapped an Elixir/Phoenix team to provide cloud services and python client for a new line of commercial Robot Vacuum Cleaners.

Elixir, Python, Postgres, AWS/Terraform

CompareThe Market.com

Consultant

Feb 2019-Present

MoneyHub

Rebuilt Bean.com as a high performance elixir service to integrate the majority of UK high street banks using the Open Banking specification.

Elixir, GraphQL, Elm, Javascript, Ruby, Postgres, AWS

TwentyBN

Consultant

Sep-Nov 2018 Berlin / Remote

Video Annotation Editor

Designed and built two Elm apps for collecting video gesture metadata from Amazon Mechanical Turk workers.

Elm, Javascript

Liqid

Consultant

Feb-Aug 2018 Berlin / Remote

Salesforce Integration

Integrated a Ruby on Rails app with Salesforce through an Elixir/RabbitMQ microservice.

Elixir, Ruby on Rails, RabbitMQ, Salesforce, Docker, GraphQL

Zapnito

VP Engineering

2014–2017 London / Remote

Feeds

Led the development of a white-labelled realtime community platform.

Phoenix, Phoenix-Channels, Elixir, Elm, Javascript, JWT, Auth0, Postgres, Webpack, Kanban,

BDD

Lytbulb

CTO

2014–2015 London / Remote

lytbulb.com

Led development of a trello-like product aimed at the energy sector, focusing

on oil and gas.

Ruby on Rails, Ember.js, Firebase, Postgres, Kanban, BDD

Myschooldirect Give4Sure

CTO

2010–2014 London / Remote A cross-browser plugin and webapp that helped charities raise money while

their supporters shopped online.

Browser extensions, Ruby on Rails, Postgres, Ember.js, Kanban, BDD

Marks and Spencer School Uniforms

Led the development of an online store allowing schools to customise standard

Marks and Spencer uniforms with their school badges and colours.

Ruby on Rails, Postgres, Kanban, BDD

myschooldirect.com

A Quidco style shopping site where parent's could find deals that would raise money for their children's schools

Ruby on rails, Postgres, Kanban, BDD

Informa

Tech lead/Architect

2005-2010 London

World Cellular Information Service

Created architecture and led team to develop a replacement for Infoerma Telecom's flagship product.

Java, Spring, MS Analytics services, Oracle DB, Scrum, TDD

Intelligence Centre 2

Devised a webday based CMS allowing Journalists to write their articles in MS Word, save and see an instant preview of their article on the website.

Java/Spring, Oracle DB, Scrum, BDD

Nutshell Dev.

Head of dev.

2004-2005 Brighton

Various local business websites

Built custom CMSs for local shops and restaurants. This was when I discovered Extreme Programming and started down the Agile road.

Java, Spring, JPA, JSF, Mysql