


Oliver Searle-Barnes

Passionate full stack leader


Founder, CTO, VP Engineering, Architect

20 Years experience

 FnCasts - watch me code on youtube

 opsb - 200+ repos

 opsb - 14 communities

 opsb - top 1%

 ollysb

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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 Domestic 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		years
Elixir / Phoenix	7	Event-sourcing/CQRS	2
Ruby on Rails	8	Scrum / Kanban	18
NextJS	2	BDD / TDD	18
Elm	5	Git	15
React	5	Realtime systems	7
Typescript/Javascript	15	HTML	21
Java	6	CSS / SASS	18
SQL	20	OO	20
Firebase	2	Functional	10
OLAP / MDX	4	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-phenix

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

Sussex University

2/1

2001-2004

EXPERIENCE

Tree3

Consultant
Dec 2024-Present
Dallas / Remote

Tastermonial

Consultant
Jun 2023-Nov 2023
Cupertino / Remote

Boulevard

Consultant
Oct 2021-Jun 2023
Los Angeles / Remote

Vorwerk

Consultant
Apr 2021-Sep 2021
Wuppertal / Remote

CompareTheMarket.com

Consultant
Feb 2019-Present
London / Remote

TwentyBN

Consultant
Sep-Nov 2018
Berlin / Remote

Liquid

Consultant
Feb-Aug 2018
Berlin / Remote

XP Affiliate Platform

Led a development team to launch a new high performance affiliate platform.
Was involved in product discovery/strategy and dev team management.
NextJS, Postgres, Redis

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, Sqlite, Postgres, AWS/Terraform

API and Platform Services

Joined the API team to scale platform services and integrations with 3rd party services.
Elixir, Postgres, React, Typescript, AWS/Terraform

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

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

Video Annotation Editor

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

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

Lytbulb

CTO
2014-2015
London / Remote

Myschooldirect

CTO
2010-2014
London / Remote

Informa

Tech lead/Architect
2005-2010
London

Nutshell Dev.

Head of dev.
2004-2005
Brighton

Feeds

Led the development of a white-labelled realtime community platform.
Phoenix, Phoenix-Channels, Elixir, Elm, Javascript, JWT, Auth0, Postgres, Kanban, BDD

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

Give4Sure

A browser plugin helping shoppers raise money for their chosen charities.
Browser extensions, Ruby on Rails, Postgres, Ember.js, Kanban, BDD

Marks and Spencer School Uniforms

An online store for schools to create their own Marks and Spencer uniforms.
Ruby on Rails, Postgres, Kanban, BDD

myschooldirect.com

A Quidco style site helps shoppers raise money for their children's school.
Ruby on rails, Postgres, Kanban, BDD

World Cellular Information Service

Led team to develop a replacement for Informa Telecom's flagship product.
Java, Spring, MS Analytics services, Oracle DB, Scrum, TDD

World Broadband Information Service

Developed a BI portal based on the Mondrian OLAP engine.
Java, Spring, OLAP, Mondrian, Oracle DB, Scrum, TDD

Intelligence Centre 2

Devised a webdav based CMS allowing Journalists to edit articles in MS Word.
Java/Spring, Oracle DB, Scrum, BDD

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