


Oliver Searle-Barnes

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

 FnCasts - watch me code on youtube

 opsb - 200+ repos

 opsb - 14 communities

 opsb - top 2%

 ollysb

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INTRODUCTION

Building software that people actually like to use is what gets me going. With 14 years experience I've delivered successful products for the Telecoms, Retail, Publishing, Energy and Charity 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
Ruby on Rails	8	Event-sourcing/CQRS	2
Elixir / Phoenix	2.5	Scrum / Kanban	13
Elm	2.5	BDD / TDD	13
React/Redux	0.5	Git	10
RxJS	1.5	Realtime systems	5
Ember.js	5	HTML	12
Javascript - ES2017	8	CSS / SASS	12
Java	5	OO	14
SQL	14	Functional	3
Firebase	2	Heroku	8
OLAP / MDX	4	AWS	8

OPEN SOURCE

fncasts / fnchess owner
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 core
A javascript library for orchestrating data synchronization. See <http://orbitjs.com> for more information.

saschatimme / elm-phoenix core
Integration between Elm and Phoenix channels

opsb / elm-debouncer-fx owner
An Elm effect manager for debouncing events

opsb / patchstream owner
Emits json patches as rails active records are updated

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
Sussex University 2001-2004

EXPERIENCE

TwentyBN

Consultant

Sep–Nov 2018
Berlin / Remote

Liquid

Consultant

Feb–Aug 2018
Berlin / Remote

Zapnito

VP Engineering

2014–2017
London / Remote

Lytbulb

CTO

2014–2015
London / Remote

Video Annotation Editors

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

Salesforce Integration

Integrated a Ruby on Rails app with Salesforce using an Elixir/RabbitMQ based microservice
Elixir, Ruby on Rails, RabbitMQ, Salesforce, Docker, GraphQL, Scrum, BDD

Feeds

Led the development of a realtime, embeddable social webapp
Phoenix, Phoenix-Channels, Elixir, Elm, Javascript, JWT, Auth0, Postgres, Webpack, Kanban, BDD

Knowledge Networks

Tech lead and architect for an expert focused content management system and online training platform
Ruby on Rails, ember.js, Javascript, Postgres, Redis, Memcached, Solr, 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

Myschooldirect

CTO

2010–2014
London / Remote

Informa

Tech lead

2005–2010
London

Nutshell Dev.

Head of dev.

2004–2005
Brighton

Give4Sure

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

A collaboration with Marks and Spencer to provide bespoke school uniforms to UK schools
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

Intelligence Centre 2

Custom CMS for analysis of the telecoms sector
Java/Spring, Oracle DB, Scrum, BDD

World Cellular Information Service

BI portal for worldwide cellular market data
Java, Spring, MS Analytics services, Oracle DB, Scrum, TDD

World Broadband Information Service

BI portal for worldwide broadband market data
Java, Spring, OLAP, Mondrian, Oracle DB, Scrum, TDD

Various local business websites

Built custom CMSs for local shops and restaurants
Java, Spring, JPA, JSF, Mysql