

Dan Garland

Senior Web Developer, Instructor and Tech Lead

"Expressing creativity through innovative web development"

For expanded information on the content of this C.V., please visit me

<http://www.dangarland.co.uk>

(or Google: 'rails developer london')

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Date of Birth: 04/04/1983
Dual Nationality: British and New Zealand citizen and passport holder
Location: Yewlands House, Hertfordshire

Current Status

Founder of my own Ruby consultancy 'We Got Coders', which specialises in the training of web developers and pair-programming on agile web development projects. I have fourteen years' experience in analysing, developing and delivering web applications. I am currently looking for a fresh challenge in a tech leadership role, developing products for web or mobile.

Technical Skills

Solidity, Golang, gRPC, Ruby, Ruby on Rails, Sinatra, Padrino, Cucumber, RSpec, MiniTest, HTML 5, CSS/SCSS, JavaScript, Jasmine / Mocha / Chai, React.js, Backbone.js, AJAX, SQL, Postgres, SQLite, MongoDB, Linux, Apache, Git, Capistrano, AWS, Agile Development, Design Patterns, Mobile development, Cordova

Experience (15 Years Commercial since 2003)

Vega Protocol
vegaprotocol.io

FinTech

Co-Founder, Senior Engineer January 2018 - Present

- I am a founding team member of Vega Protocol, a decentralised financial products platform that uses blockchain technology to facilitate trades of derivatives of crypto assets.
- I worked on the collateral holding smart contracts written in Solidity, and worked on the API backend using Go, Protobuf and Swagger to build and document a gRPC / REST interface.
- I gave a talk at Takeoff Conference promoting the platform covering the application of software design patterns to Solidity smart contract code.

We Got Coders
www.wegotcoders.com

Consultancy, Training

Founder

August 2013 - Present

- I founded my own training and recruitment company called We Got Coders, specialising in the training of junior developers. I manage the entire business operations: I designed the marketing strategy for the business, run operations on a day-to-day basis, teach web development and devised the course curriculum.
- I grew the training business from nothing to a company generating over £500,000 a year, in addition to running a consulting and recruitment business. I sought no investment and grew entirely from sales and repeat business.
- I directly employed over 25 junior web developers and gave them their first opportunity in web development. I successfully placed them into permanent positions with our client base, following a twelve week course covering full-stack development that I deliver in house.
- I have been responsible for and managed a hotel business, providing bed and breakfast accommodation at two Grade II listed properties, being responsible for rent negotiation and contracts, fire safety, advertising and promotion, stores and managing housekeeping staff.
- I developed an online e-learning platform in Rails / MongoDB aimed at part-time coders, teaching web development on weekends.
- I developed a sales function for the company, creating a customer relationships database in Rails and using in-house junior developers to build it.

- I ran a sequence of free workshops aimed at women learning to code to promote equality in the workplace, leading to a number of leads who have gone on to take our course and pursue a career in web development.

General Assembly
generalassemb.ly

Education

Instructor

Mar 2013 - June 2013

- I developed and taught an intensive 3-month program covering the essentials of web development, to a group of 17 adult learners in New York City.
- The course covered a range of topics, covering Ruby on Rails, Front-end frameworks, JavaScript, HTML/CSS, Testing and TDD, Agile Software Development, Databases and Computer Science.
- I devised most of the classroom exercises and materials from scratch, drawn from my experience in the sector, aimed at giving students the knowledge required of Junior Web Developers.

SupaDupa
supadupa.me

E-commerce

RoR Developer

Nov 2012 - Mar 2013

- I built the new shipping module for SupaDupa.me, an e-commerce platform with thousands of paying customers. Working on an agile basis, I created a complex multi-channel shipping system that integrates with the existing checkout mechanism.
- I built a new module allowing merchants to print shipping labels via an external API, providing a new revenue stream to the business
- I implemented a Barclays ePDQ integration with Active Merchant, enabling the platform to accept credit card payments for the first time, increasing sales for the business.

PencilIn

**Learning
Marketplace**

Project manager

July 2012 - Dec 2012

- I recruited and led a team of freelance Ruby developers to create a services marketplace for education courses. I was responsible for the entire project, from creating user stories, testing and overseeing the development and liaising with the client. The site features an advanced integration with PayPal, multi-user registration with Devise and full-text search.

New Black
newblack.me

Music Promotions

RoR Developer

June 2012

- I worked alongside the New Black digital music agency on the promotions campaign for a major album release. I devised an application that allows Facebook users to encode and decode messages to their friends in the campaign's typeface, using Ruby on Rails. The Facebook app is fully integrated, including a 'Like' gate.

Hilton
Hotels/Forward 3D
forward3d.co.uk

Hotels

Ruby Developer

May 2012

- Working for the Forward 3D agency, I created a gateway server, using Sinatra, that adds a layer of functionality onto the reservations and bookings system for the Hilton Hotel Group, editing XML SOAP requests. The system handles all incoming traffic for the entire business.
- I created a URL generation system, using Padrino, AJAX and JQuery, that allows administrators to generate URLs for the new Hilton search system.

Libertrip
libertrip.com

Travel

RoR Developer

Oct 2011 - April 2012

- I worked for six months on rails development for Libertrip, a new web start-up that specialises in travel based in Lille, France. I delivered new features, enhanced data retrieval and built an API, upon which the operations of the company is based.
- I introduced a system of agile development using user stories and I created a test suite. Using cutting-edge asynchronous technology, I created a system written in Ruby and Sinatra, that used EventMachine to greatly enhance the speed of data delivery and enhances the user experience of Libertrip.

- I took an existing Rails codebase and upgraded the underlying classes to Ruby 1.9.

Most Rated **Music Discovery** **Director, RoR Developer** **Jan 2011 - Jan 2012**

- I directed a new music technology start-up company, which developed a music discovery service called Most Rated. In conjunction with live music events, the website promoted material submitted by artists, organised around local music scene.
- The website is a distributed web application comprising of Ruby on Rails, HTML5, MongoDB, EventMachine and RESTful API integration (Facebook, Mixlr).
- The site has a complex mechanism to automatically select tracks from the pool of artist's submissions, and collates the content into a continuous stream, like a radio station.
- I devised a business plan for the project, including a marketing strategy and fund-raising. I worked with local venues, artist managers and creative suppliers to source the locations, the artists, creative and video for the project.

Previous Experience

Phatnights	PR	Freelance RoR Developer	March 2011 - June 2011
TouchLocal www.touchlocal.com	Business Directory	Freelance Frontend Developer	Aug 2010 - Sep 2010
Oxford University Press ukcatalogue.oup.com	Education	Contract RoR Developer	Jan 2010 - March 2010
Hubbub	E-commerce	Contract RoR Developer	August 2009 - Dec 2009, May 2012
Westfield Stratford City uk.westfield.com/stratfordcity	Retail	Contract RoR Developer	May 2009 - July 2009
Titan Entertainment www.forbiddenplanet.com www.titanmagazines.com www.titanbooks.com	Publishing / Retail	Lead Web Developer (permanent)	April 2005 - Sep 2008
Gamcom Ltd. www.gamcom.com/	I.T. Consultants	Developer	Aug 2004 - Apr 2005
Mathias & Sons Ltd. mathiasandsons.com	Workwear Distributors	Project Leader	July 2003 - Feb 2004

Education

2:1 BSc Computer Science **University of Bristol** **Bristol, UK 2001-2004**

- I attained a Bachelor of Science degree from the University of Bristol; consistently within the top five computer science departments in the UK.
- I led a group of five students working on a group project to design a software front-end and device driver for a digital MP3 player written in C. In addition to programming, I was responsible for time management and milestone setting, task allocation, administration of

the group website and version control.

- I wrote a thesis as a proof of concept for networking middle-ware in computer games. It was an individual project to design a client / server network application that explored advances in next-generation market trends such as cloud computing. Used Java and X3D, a cutting-edge graphics standard for the Internet.

3 A-Levels

Beacon Community College E. Sussex, UK 1999-2001

- A in Computer Science, A in Business Studies and B in Mathematics.

Interests

I play piano, keyboards and synthesizers, and enjoy composing my own music. I work with several musicians and have worked with a top record producer on song-writing and session playing. I attained a Grade 8 piano, after winning the Sheila Mossman Award for the highest mark in the country for Grade 6 piano, 2008.

I am actively learning French. I particularly enjoy reading in French, especially translations from English authors.

I am interested in the start-up tech scene, often attending meet-ups, hackathons and talks. I recently spoke at TakeOff Conf in Lille, France on cultivating web development talent.

I am interested in start-ups and entrepreneurship. In 2003, my first web development project for Mathias and Sons was entered for the regional Shell Technology and Enterprise (STEP) award, and I won a local and regional heat. Based upon my performance in both the project, demonstration and my presentation, I was named "the most enterprising student in the South West of England 2003".

In my spare time I enjoy reading, walking, cooking and playing chess.