

# Dan Garland

*"Expressing creativity through innovative web development"*

For expanded information on the content of this resume:

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

Mobile: +44 (0) 7979 770053  
Email: dan@dangarland.co.uk  
LinkedIn: linkedin.com/in/dmgarland  
Location: Kent, UK  
Dual Nationality: British and New Zealand citizen and passport holder

## About Me

Professional Software Engineer since 2003, specialising in Agile web development in open source technologies. Proven tech leader and entrepreneur with nearly 20 years experience. Seeking opportunities to develop products for the Web, ideally in Health, Education, Music or Tech for Good.

## Tech Skills

Ruby, Ruby on Rails, JavaScript, HTML, CSS, SQL	15 years +
React.js, Node.js, TypeScript	7 years
Gatsby.js, TypeScript	4 years
Terraform, Go, Docker	3 years

## Career Highlights

- Founder of We Got Coders. Grew from scratch without investment to 12 employees. Provided over 80 paid internships to junior developers, where I trained, mentored and managed candidates from non-technical backgrounds. Simultaneously delivered multiple agile software projects, for such clients as Hostelling International and Kings College Hospital.
- Bootstrapped Pharmaseal, a clinical trials platform, as de facto CTO. Provided initial architectural direction, recruited and trained the in-house team and grew it to 6 developers via the We Got Coders internship program.
- Founder of Most Rated, music streaming and events company. Featured on prime time television in the Netherlands, provided a platform for crowd-sourced talent to play curated live shows.
- Co-founding member of Vega Protocol, a decentralised finance company using Ethereum and Go microservices. Helped build a proof of concept and gave tech talks including at TakeOff conference in Lille, France.
- Part of the Webby award winning web team at Head London, creating food delivery platform Hubbub, interaction classroom tools for Oxford University Press and a CMS for Coca Cola European Partners. Won repeat business as a freelancer to support these products.

## Recent Experience

BridgeU	Education	Tech Lead	Aug 2021 – Present
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- Delivered a major infrastructure migration to deploy a legacy application into mainland China. Led a devops team managing CI/CD pipelines for a team of ~20. Used Terraform to create IaC driven platform in AWS CN.
- Worked with Head of Engineering to setup lead/cycle time metrics and worked with Engineering Management to deliver ~30-40% efficiency improvements in the department
- Lead a project to develop a mobile application using PWA / React.js / Next.js technology and rapidly prototype working software targeted at students.

- Taught and guided four graduate level recruits and on-boarded them through a combination of pair programming and bespoke training sessions.

**Patchwork                      Health                      Technical Lead                      April 2021 – Aug 2021**

- Lead the backend delivery for a mission critical MVP, delivering rostering software and hitting a crucial deadline.
- Grew the team with an additional five contractors and three permanent staff in five months.
- Developed the hiring process and devised an appropriate technical test.
- Created and lead a delivery team to implement safety checks, a high-risk and safety-critical system. Developed using Ruby on AWS Lambda and RDS.

**Pando                                      Health                                      Senior Engineer                      Jan 2021 – April 2021**

- TypeScript API Developer for the Juno B2C messaging product. Developed the backend support for midwifery consultations
- Helped ship features for a critical deadline connected with Series A funding commitments

**Smiling Sessions                      Care / Music                      Technical Lead                      Aug 2020 – Dec 2020**

- Worked with a charity that provide performing musicians to entertain care home guests to continue their important work throughout the COVID-19 lockdown. I developed a progressive web app using GatsbyJS to create a video player that provides offline playback, thus allowing care home managers to roam without connectivity and provide entertainment and respite to residents.
- The App uses third party integrations with Cloudinary and Stripe.js for streaming and payment.
- I developed a product strategy for the charity to sell pre-made equipment bundles, ready for care home to use, driving donations.
- The app was featured on ITV, and various press outlets, with several celebrity performances.

**Employment History (Since 2003)**

*(Full details at: <https://www.dangarland.co.uk/experience>)*

BridgeU	Mentor	August 2021 - Dec 2021
Patchwork	Technical Lead	April 2021 - August 2021
Pando	Senior TypeScript Engineer	Jan 2021 - April 2021
FutureGov	Senior Ruby Engineer	Dec 2020 - Jan 2021
Smiling Sessions	Technical Lead	Aug 2020 - Dec 2020
Checktrade	Senior Software Engineer	Aug 2019 - July 2020
Mind	Lead Developer	May 2019 - Aug 2019
Mess.ly	Interim CTO	Nov 2018 - March 2019

Oxford University Press	Senior DevOps Consultant	Oct 2018 - Nov 2019
Coca Cola European Partners	Senior DevOps Consultant	July 2018 - Aug 2020
Vega Protocol	Co-Founder	Jan 2018 - July 2018
Pharmaseal	Lead Developer / Mentor	2016 - 2017
Hostelling International	Lead Developer / Mentor	Sep 2013 - Sep 2014
Hands HQ	Mentor	Sep 2013 - Sep 2016
We Got Coders	Founder	Jul 2013 - Jan 2018
General Assembly	Lead Instructor	Mar 2013 - June 2013
SupaDupa.me	Senior RoR Developer	Nov 2012 - Mar 2013
PencilIn	Lead Developer	July 2012 - Dec 2012
New Black	RoR Developer	June 2012
Hilton Hotels	Contract Ruby Developer	May 2012
Libertrip	Contract RoR Developer	Oct 2011 - April 2012
Most Rated	Founder	Jan 2011 - Jan 2012
Phatnights	Freelance RoR Developer	March 2011 - June 2011
TouchLocal	Freelance Frontend Developer	Aug 2010 - Sep 2010
Oxford University Press	Contract RoR Developer	Jan 2010 - March 2010
Hubbub	Contract RoR Developer	August 2009 - Dec 2009
Westfield Stratford City	Contract RoR Developer	May 2009 - July 2009
Titan Entertainment	Lead Web Developer	April 2005 - Sep 2008
Gamcom Ltd.	Junior Developer	Aug 2004 - Apr 2005
Mathias & Sons Ltd.	Developer	July 2003 - Feb 2004

## Awards

Webby Honouree	2013	Coca Cola European Partners
Webby Honouree	2011	Hubbub (Retail)
British Interactive Media Awards	2010	Hubbub
Shell Technology Enterprise Programme (STEP)	2003	Mathias & Sons

## Education

(Current) Part-time Postgraduate MA, Sonic Arts and Composition, University of Sussex

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

A-Level Maths, Computer Science & Business Studies

## Interests

I am a musician, and enjoy composing my own music. I attained a Grade 8 piano, after winning the Sheila Mossman Award for the highest mark in the country for Grade 6 piano, 2008. Some of my compositions are online at <https://soundcloud.com/dmgarland>. I played keyboards for Mercury-music prize nominees Sweet Billy Pilgrim, touring the UK and Europe to promote their much-acclaimed album *Crown and Treaty*.

I am actively learning French. I particularly enjoy reading in French, especially translations from English authors. In my spare time I enjoy reading, walking, running, cycling, cooking and playing chess.