Jake Richards
Junior Full Stack Software Developer

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Executive Summary

Junior Software Developer after completing a bootcamp in AI-Augmented Full Stack Software Development from Code Institute. Proficient in HTML, CSS, JavaScript, Bootstrap, Python & Django. I am a career-changer in to the tech industry, with 9 years of experience in the science education sector, with an excellent reputation for hard work and improving outcomes.

Seeking full-time position that offers professional challenges utilising interpersonal skills, excellent time management and problem-solving skills, demonstrating my ability to write clean, maintainable code.

Education

Dec 2024 - Present	**Code Institute**	**Dublin, Ireland (Remote)**
	Bootcamp in Full stack Software Development	
Sept 2015 - Jun 2016	**University of Worcester**	**Worcester, England**
	PGCE with Technology Enhanced Learning: Chemistry	
Sept 2010 - Jul 2013	**Aston University**	**Birmingham, England**
	BSc. Cell and Molecular Biology (2.1)	
Sept 2003 - Jul 2010	**Hitchin Boys' School**	**Hitchin, England**
	3 A Levels Grade A-C: Biology (A), Chemistry (C), Classical Civilisation (C)	
	14 GCSEs Grade A -C including Maths (A) and English (BB)	

Technical Skillset

Technologies	Databases	Frameworks	Version Control + Additional skills
HTML5 CSS3 JavaScript Python	PostgreSQL	Django Bootstrap	Git Github Agile UX Design

Portfolio Projects

- **Chartbusters** – A website that hosts my own music chart quiz game. It was created for a hackathon in a couple of days, is fully responsive and is fun to play. Technologies Used - HTML5, CSS, Bootstrap framework, JavaScript
GitHub - https://jakecrichards.github.io/Chartbusters/

- **Boardwalk Games** - A mock up website for a board game cafe where you can book events, reserve games to play and read through information on a responsive website. Technologies Used - HTML, CSS and Bootstrap framework.
GitHub - https://jakecrichards.github.io/boardwalk-games/

- **EDI Vocab Hub** - A website to provide some basic information about Equality, Diversity and Inclusion (EDI) in a way that's accessible for both adults and young people. Technologies Used - HTML5, CSS, Bootstrap, JavaScript, Copilot
GitHub https://jakecrichards.github.io/Vocabulary-of-EDI/

References available on request.

Work Experience

Sep 2024 - Present   **Owner**   **Jake's Bakes**   **Foxhole, Cornwall**

I set up my own business running a bakery whilst completing my Full Stack Bootcamp. I also created my own website and social media profiles. Managed multiple tasks and met time-sensitive deadlines.

Sep 2023 - Sep 2024   **Head of Biology**   **Newquay Tretherras**   **Newquay, Cornwall**

- Led curriculum design and innovation for Biology (KS3–KS5), improving delivery, assessment, and inclusivity, particularly for SEND students.
- Developed and implemented policies on feedback and data reporting, enhancing consistency and outcomes (increase in pupil progress across the board).
- Supported leadership transitions and contributed to Trust-wide initiatives, including behaviour policy design and curriculum development, showcasing adaptability and collaboration.

Sep 2021 - Aug 2023   **Lecturer/A Level Curriculum Manager**   **BMET College**   **Birmingham**

- Led the adoption of digital learning tools, mentoring colleagues to improve technical confidence and skills.
- Supported the Science department manager during Ofsted inspections, ensuring compliance and operational excellence.
- Managed a team of 28 staff, overseeing hiring, training, and professional development, demonstrating leadership and team management.

Sep 2015 – Aug 2021   **Teacher/Head of Chemistry/Science Director**   **Barr Beacon School**   **Birmingham**

- Led STEM initiatives, including founding a Year 7 STEM Club, organising a Skype call with the North Pole, and running a project growing seeds from the ISS, showcasing creativity and organisational skills.
- Conducted research into learning outcomes and revision strategies, resulting in school-wide policy changes to improve student outcomes.
- Managed teams of up to 20 staff, transforming departmental performance, staff retention, and engagement through strategic leadership and innovation.
- Pioneered digital innovation during the pandemic, recognised by Ofsted for developing Trust-wide virtual teaching resources and management systems.

Sep 2014 - Aug 2015   **Science Technician**   **Stockland Green School**   **Birmingham**

- Responsible for the organising, restocking and maintaining laboratory environments and equipment, as well as preparation of practical equipment for experiments (~60 per week), managing the health and safety (including COSHH) of staff and students, placing orders, and generally acting in a support role for the department.

Jul 2013 - Aug 2014   **VP Education and Welfare**   **Aston Students' Union**   **Birmingham**

- Coordinated student feedback on academic and welfare matters, representing student interests at the University level, demonstrating strong communication and advocacy skills.
- Led student welfare campaigns, working with external suppliers, charities, and training volunteers, showcasing project management and stakeholder collaboration.
- Organised events, conducted research, and mentored colleagues, highlighting organisational and leadership abilities.
- Served as a trustee of a £1,000,000 business, demonstrating responsibility and financial oversight.

Sep 2009 - Jul 2013   **Part time roles**   **Various**   **Various**

In my student years I worked as a lifeguard, a receptionist, and a student ambassador.
- Delivered exceptional customer service in multiple roles, managing tasks efficiently, handling challenging situations, and maintaining first responder skills.
- Developed strong teamwork, communication, and problem-solving abilities in fast-paced environments.

Additional Information/Interests

Familiar with Google meetings, Teams, and Slack.

I enjoy reading fantasy, live music, comedy, playing guitar, travelling, fundraising and learning new skills.

References available on request.