Ciarán R

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Current role	Founder at Bytebraid LTD
Experience	Security, Enterprise, Tutoring, Charity, Web Design, Fintech
Technologies	SQL, React, HTML, JavaScript, Python, Java, Linux, Liquidsoap, Jenkins, Windows, Perl, JIRA, Active Directory, Splunk, To...

I'm making a career change because...
I have been on an extended career break tending to familial and palliative healthcare needs at home. Presently seeking opportunities to return to work across the technology space

Work experience

Founder, Bytebraid LTD 🧑 May 2021 – Present (3y 4m)

Exploring Emerging Technologies
Security · Enterprise · Tutoring · Charity · Web Design

`SQL` `React` `HTML` `JavaScript` `Python` `Java` `Linux` `Liquidsoap`

- Managed secure Linux VPS hosts and web services for SMTP/HTTPS protocols
- Utilized AWS to scale infrastructure effectively
- Developed streaming internet services using LiquidSoap, React, and Python technologies
- Collaborated with passionate artists to create and release original music content
- Created custom routers with OpenWRT for small hospitality businesses
- Offered complimentary web hosting services to local charities
- Pursued additional training and certification: https://www.credly.com/badges/5cffd6a5-3f92-4ecb-93a6-1c9a8a25ee27/linked_in_profile

Vice President, Morgan Stanley Canada Dec 2017 – Mar 2019 (1y 3m)

Fintech · Enterprise

`Python` `Java` `Linux` `Jenkins` `Windows` `Perl` `JIRA` `Active Directory`

- Led a team to deliver in-house IaaS + PaaS, develop self-service infrastructure tools, and automate plant hygiene
- Managed product/project, aligned roadmaps with managers for agile delivery, oversaw policy/governance/risk, and promoted DevOps best practices
- Provided mentorship to new hires in a bespoke tech environment
- Performed quality assurance work using Python, Perl, Java, and other languages
- Led initiatives to amortize technical debt, replace legacy systems, manage change, and mitigate risks

Vice President, <u>Morgan Stanley UK</u> Morgan Stanley   Jan 2016 – Dec 2017 (1y 11m)

Fintech · Enterprise

SQL   HTML   JavaScript   Python   Java   Linux   Splunk   JIRA

- Designed and developed systems to support secure self-service network endpoints for company-wide applications
- Utilized Java, Python, and various Web UI technologies for application development
- Supervised high-availability application deployments and created operational playbooks for Linux systems support
- Identified and addressed risks, vulnerabilities, and maintained security through incident response and root cause analysis
- Coordinated Agile sprints, led scrums, and implemented DevOps practices for continuous integration
- Managed vendor relationships and evaluated products like SIEM tools and Splunk
- Conducted training workshops for business application developers

Associate, <u>Morgan Stanley UK</u> Morgan Stanley   Aug 2008 – Dec 2015 (7y 4m)

Fintech · Enterprise

HTML   JavaScript   Python   Java   Linux   Splunk   Perl   Tomcat

- Delivering tools and services for shared hosting (in-house Cloud services, IaaS, PaaS), designing scalable and secure environments
- Extensive work in Java, Perl, Python – maintaining legacy systems and developing bespoke infrastructure tools
- Log management and SIEM tooling deployments (syslog-ng, Splunk etc), devising visualizations and dashboards for complex environments
- Optimizing container deployments for web applications (Apache Tomcat, Websphere etc), reducing costs and shrinking datacenter footprint
- Securing DMZ environments, managing defense-in-depth architectures, hardening Linux (tripwire, chroot)
- Developing and supporting infrastructure APIs for business applications
- Configuration and management of forward and reverse proxies (Apache, nginx, Bluecoat), Edge CDNs (Akamai, Cloudflare)
- Maintaining technical documentation, operations playbooks, automating environment hygiene
- Linux administration, third-line support and client troubleshooting

Education

University of Kent at Canterbury   Sep 2004 – Jul 2008 (3y 10m)

(1st) BSc (Hons) Computer Science

- Database Systems
- Language Foundations
- Object Oriented Programming
- OS Fundamentals
- Algorithms
- HCI (UX Design)
- Java / Perl / Python
- Linux
- Windows
- PureData
- Embedded Programming
- First Class Honours w/Year in Industry (2006)

Sir Joseph Williamsons Mathematical School   Sep 1997 – Jul 2004 (6y 10m)

5 A-Levels, 1 AS-Levels (Computing, Physics, Music, ICT, Philosophy, GS) 10 GCSEs A and A*

Snippets

LANDR 🔗 **https://network.landr.com/users/parallaxed**
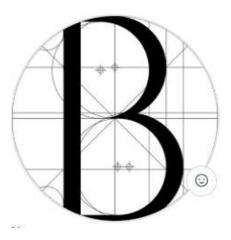My LANDR page with audio production and studio engineering services, socials and
original releases.

BlueJam on GitHub 🔗 **https://github.com/braider/bluejam**
Genetic algorithms for music generation via PureData – legacy research project

Private GH 🔗 **https://github.com/bytebraid**
Private repository access available upon request

More about me

I like to work with people who...

Can leave egos at the door, appreciating creativity and
engineering as an artform.

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and palliative healthcare needs at home. Presently seeking
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Outside of work I...

Try to keep learning, evolve with the tech zeitgeist and
cyber landscape, always with eyes on security. I provide
hosting and collaborate on private software projects.

Interests

A hobbyist audio producer and engineer, providing
support to other content creators. My personal domain
has been active since 2002 and I have provided free web
development and hosting to charities.