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Cormac Brady

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Profile

Cybersecurity Engineer with a background as a Full-Stack developer. Undergone DevSecOps in practice and many agile team methodologies. 7 years of industry experience and a first-class undergraduate in Computer Science.

Experience

Employment

- 2023 – Now **6point6**, *Managing Consultant, Security Engineering*, Remote, UK.
- 2022 – 2023 **Made Tech**, *Lead Cybersecurity Engineer*, Remote, UK.
Tech lead for a team of 10 focused on improving software developers' cybersecurity in large public organisations through the promotion of continuous security practices (DecSecOps), Agile friendly threat modelling and the development of open-source tools for monitoring and alerting in AWS cloud environments. This is in addition to aiding governance risk and compliance teams and coordinating responses to live incidents. (1 years)
- 2018 – 2022 **Made Tech**, *Software Engineer*, London, UK.
Working with clients on replacing large legacy systems with microservices in Node, C# and Ruby. Upskilling developers in Agile methodologies and best practices for Cloud services. Promoted to senior software engineer in 2020. Worked in several central Government teams on large scale AWS-backed internal platforms as a service. (4 years)
- 2017 – 2018 **Pottermore Limited**, *Junior Full Stack Developer*, London, UK.
Full stack developer in a team practising Agile (Extreme Programming) as well as on-call rota for the running of pottermore.com, a site with millions of unique users per month. Additionally involved in new projects using react native with AWS backend services, including Terraform, Cognito and Lambdas. (1 year 3 months)
- 2015 – 2016 **Amadeus IT Group**, *Software Engineer*, Frankfurt, Germany.
Internship developing, improving, and running in-house software building numerous Ruby Rails and Django Python web apps from the ground up. Including building REST web services for new and existing systems. Included a leadership position in a team of four. Also, helped to build and test puppet configuration scripts for a company-wide rollout of Linux workstations as well as providing minor user support. (1 year)

Education and Certifications

- 2019 **AWS Certified DevOps Engineer - Professional**, AWS.
- 2013–2017 **BSC Computer Science**, *Aberystwyth University, (First class)*.

2011–2013 **A levels**, *Stonyhurst College*, (IT, Economics, Biology).

Undergraduate Dissertation

A device driver and CLI written in C. Providing control for the YAESU FT-8900R radio by mimicking its internal serial control signals. This allows a user to control their radio remotely where before they could only interface with the hardware manually.

Skills List

Frameworks React-native, Dropwizard (Java), Django, Rails, Three.js
Infrastructure Terraform, Packer, AWS, Heroku
Environments Linux (Fedora, Ubuntu and Linux distros), OSX
Security Prowler, ZAP, AWS Config, AWS Security Hub
Tools
Other Splunk, Kibana, Fastly, Nginx, Graphite, Statsd, Git, Jenkins, Circle CI, Atlassian Technologies (Jira etc), GTM

Languages

Python	★★★★★	<i>CLIs, Api wrappers, Django webframework, Lambdas</i>
Java/Groovy	★★★★☆	<i>Dropwizard Webapps, Gradle</i>
Go	★★★★☆	<i>TerraTest, Lambdas and opensource projects</i>
Ruby	★★★★☆	<i>CRUD webapps, statsD collectors, Opensource Rails projects</i>
JavaScript	★★★★☆	<i>ES6, React, NPM, Webpack</i>
C#	★★☆☆☆	<i>.NET JSON APIs</i>
C	★★☆☆☆	<i>Device driver for the Yaesu FT-8900R Radio</i>

References

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[Redacted references]