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David bramweLL

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| SUMMARY |

I am a software developer with 8 years of experience in Software Development, Dev-Ops/Automation and QA. My most recently used programming languages are Typescript, Javascript and PHP, however in the past I have had commercial experience in Java, Ruby and Groovy as well as lots of exposure to various Linux flavours and bash scripting. My past experience in QA and as a Dev-Ops engineer have led me to continually keep up to date with new testing, automation and infrastructure tooling and I approach new development with ease of testing and deployment at the forefront. I’m currently a big fan of Cypress for E2E testing and the AWS CDK for writing infrastructure as code. I am an AWS certified developer (<https://www.youracclaim.com/badges/bb4735ce-1d2d-4a57-a58c-8993e4b81f9a/public_url>).

In my spare time I like to look at technologies and tools that I’ve not used in my professional roles and contribute to open source. Recently I’ve been exploring Go and have contributed to a project called rclone (<https://github.com/rclone/rclone>). Early into my learning of ReactJS I started a project called react-animate-on-scroll (<https://dbramwell.github.io/react-animate-on-scroll/>) which has become popular although is a bit dated now and could probably benefit from a rewrite! I’ve written two android games which can be found here: <https://play.google.com/store/apps/developer?id=Bramrash>. One of which is a brick-break style game written in Android/Java, the other generates simple maths puzzles and is written in Javascript and React-Native.

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| PREVIOUS EMPLOYMENT |

March 2020 - Present

Endemol Shine Group (Technical Lead):

Overview:

Having impressed in my first 18 months by leading the development of the online training platform as well as pushing the team to adopt best practices in testing, doing code reviews and writing infrastructure as code, I was promoted to Technical Lead. My responsibilities were extended to include mentoring newer members of the team as well as making architectural decisions in different parts of the applications.

June 2018 - March 2020

Endemol Shine Group (Full Stack Developer):

Skills Used: Javascript, Typescript, ReactJS, PHP, AWS, CDK, Amplify, Cypress, FFMPEG

Overview:

Working as a team of 6 directly with the CTO across multiple applications, the most important being a media asset management (MAM) system. The MAM system was primarily written in PHP and consisted of:

* An AWS S3 library of master and transcoded/edited video files.
* Long running asynchronous jobs running in Docker containers on EC2 spot instances via AWS Batch, for things such as transcoding, streaming and video editing with ffmpeg.
* An admin dashboard to facilitate the management of the content library and allow triggering of transcode and edit jobs, as well as publish videos to online platforms such as facebook, youtube and roku.

I contributed to all aspects of the MAM system from making front end tweaks to creating new asynchronous batch pipelines to transcode and add overlays to videos. Other applications included a GDPR compliant online training platform for external contractors and a backend for mobile games, both written in Typescript, both serverless using AWS Lambda. All these applications had CD pipelines set up with AWS CodePipeline and the Typescript applications had automated unit tests written with Jest and E2E tests with Cypress, as well as infrastructure as code using Amplify and the AWS CDK.

December 2017 - April 2018: Travelling New Zealand

June 2017 - December 2017

Comprehensive Care (Full Stack Developer):

Skills Used: Javascript, Ruby on Rails, Angularjs, Jenkins

Overview:

Comprehensive Care are a non-profit health organisation. They have a number of programs to aid people in bettering their health and technology is used to help those programs. My main responsibility was furthering the development of an asthma application. The application had a rails back-end and angular front-end both of which I contributed to using TDD.

Using experience from previous roles I also provisioned a Jenkins build pipeline that integrated with github, so that tests were automated against pull requests and deployments were automated. I ran work groups on this to pass the knowledge on to other members of the team so that similar automation could be implemented for other applications.

July 2016 - June 2017: Travelling South America

February 2016 - July 2016

UBS Investment Bank (Developer):

Skills Used: Javascript, BackboneJS, Grails, Java, Groovy, Gradle, Maven, Teamcity

Overview:

Developer as part of a cross-functional scrum team of 6. Our responsibilities were re-writing a Grails Gui Server to provide generic web service endpoints that were primarily interacted with through a new BackboneJS gui and maintaining and adding to a suite of Java applications as requested by the Business Analyst. All development teams also had the responsibility of maintaining and improving the build and release process of the suite of applications. All our work was done following agile processes with two week sprints, regular backlog grooming and utilising TDD.

April 2013 - February 2016

UBS Investment Bank (Dev-Ops Engineer):

Skills Used: Gradle, Maven, Java, Groovy, Teamcity, Bash, RHEL, Javascript

Overview:

As part of a 5 person international team I was responsible for the build and deployment processes of around 10 applications, and maintenance and bug fixing of test environments and infrastructure. I was also tasked with development of monitoring and reporting tools such as a build radiator and a teamcity plugin to show statistics on why builds are stuck in the queue. We were also responsible for imparting knowledge of the build and deployment process onto developers, so that new projects would be started with the correct mindset of making testing and deployment automated, consistent and easy.

November 2011 - March 2013

Betfair (QA automation engineer):

Skills Used: Groovy, Java, Selenium Webdriver, Maven, Jenkins

Overview:

Worked as part of a QA automation team delivering “black box” test packs for various UI and API components written in Java or Groovy and utilising Selenium Webdriver. Jenkins was used to automate the running of test packs on different environments.

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| QUALIFICATIONS |

* BSC Degree in Mathematics from Nottingham University
* A-Levels:
  + Maths – A
  + Further Maths – A
  + Chemistry – C
* GCSEs: 11 A\* to C