

# Mr. Robert J. Obuch

**DevOps consultant and Atlassian SME**

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## Summary

An adaptable and responsible DevOps consultant and Atlassian SME, with a well rounded technical background, experienced in enterprise architecture, highly regulated environments, financial services and e-commerce. Passionate about technology with interest in delivering quality software solutions, particularly with the Atlassian suite of products.

## Technical skills

**DevOps:** Docker, Jenkins, Nexus, Vagrant, Maven, AWS, Chef, Microservices.

**Languages:** Java, C#, Bash, Ruby, PHP, JavaScript, SQL, Sass, HTML5.

**Version Control:** Git, Subversion, Team Foundation Server, CVS, Perforce.

**Databases:** MySQL, MS SQL, Oracle, Redis, MongoDB, Elasticsearch.

**Protocols:** HTTP, TLS/SSL PKI, DNS, LDAP, SSH, FTP.

**Learning:** Kubernetes, Terraform, Ansible.

## Experience

**Barclays Bank Group, Knutsford** (DevOps Engineer, Atlassian SME [Bitbucket Server Data Center])

2015 November – 2017 May

- Deployed strategic instance of Atlassian Bitbucket Server Data Center for central source code management for Corporate, Retail, Investment Bank, Barclaycard, Wealth, Design, Mobile and ABSA Group customers, decommissioning Perforce early and recovering costly licence renewals.
- Addressed requirements using pre-receive hooks, merge checks and event handlers with Adaptavist ScriptRunner Bitbucket Server plugin by developing custom Java and Groovy scripts, such as rejecting commits where filetypes are associated with binaries, file sizes over a certain limit, or providing an additional layer of security by validating Git commit authorship.
- Integrated with other services, such as Atlassian JIRA, Confluence, Jenkins, JetBrains TeamCity and LDAP, either natively or using third-party plugins, improving developer workflow and productivity.
- Migrated complex software projects from legacy version control solutions, such as Apache Subversion, Perforce, CVS and Microsoft Team Foundation Server, to Git and Atlassian Bitbucket Server, migrating binaries to Sonatype Nexus Repository and managing dependencies, reducing time to market and allowing teams to deliver value quickly.
- Coordinated change management processes and major incidents with other operational teams, such as core services (e.g. load balancer), UNIX, storage, Microsoft SQL Server DBAs and vendors, reducing levels of risk associated with change.
- Upgraded to minor and major versions of Atlassian Bitbucket Server and associated plugins, delivering security and performance improvements aside from new functionality to users.
- Supported production services, troubleshooting incidents and resolution. Monitored internal chat rooms for Bitbucket Server and responded to end-user queries, increasing Git adoption and confidence.
- Developed automated regression testing framework for change management process with Git, Curl, REST and Bash, that created temporary test projects, made various commits locally, pushed each commit and reported the outcome of various rules, which eliminated repetitive manual tasks, delivered value sooner and reduced risk for change management, increasing confidence.
- Assessed additional requirements and evaluated third-party Bitbucket Server plugins for functionality and support.
- Demonstrated associated value with proof-of-concepts, Amazon Web Services (AWS) for compute, Elasticstack (ELK) for central log management, Chef and Test Kitchen for configuration management.
- Encouraged agile transformation by promoting Scrum and Kanban (Agile) best practices whenever possible.
- Developed team members on Bitbucket Server administration, development and production operations.
- Documented changelogs, test results and updated end-user technical documentation with clarity.

**Public Desire, Manchester** (DevOps Engineer, Magento e-commerce platform)

2015 September – 2015 November

*Online global footwear brand.*

- **Career note:** Short term engagement, administering the Magento e-commerce platform (MySQL, Ubuntu) and developing seasonal extensions (HTML, PHP), such as landing pages, reporting portal and cosmetic changes.

**Missguided, Manchester** (DevOps Engineer, Atlassian SME [JIRA], Magento e-commerce platform)

2015 March – 2015 April

*See below for company description.*

- **Career note:** Returned to Missguided.
- Updated various Atlassian JIRA configurations, such as workflows and screens.
- Consulted and documented continuous integration and deployment pipeline architecture with Jenkins.
- Trained new team members with Atlassian JIRA, agile, application framework and production operations.
- Contributed to configuration management, using Chef, Berkshelf, Vagrant and Test Kitchen.
- Resolved various application defects with PHP, MYSQL, Redhat, Varnish and New Relic, including caching, data, presentation and logic issues.

**Missguided, Manchester** (DevOps Engineer, Atlassian SME [JIRA], Magento e-commerce platform)

2014 June – 2015 January

*Multi-channel retailer selling clothes aimed at 16-35 year old women. Since its launch, the online retailer has experienced rapid growth in the UK and has expanded into USA, Australia, France and Germany.*

- Implemented Atlassian JIRA, Confluence and Jenkins development tools.
- Developed custom Atlassian JIRA workflows, permission schemes, notification schemes and screen schemes.
- Transferred and migrated Atlassian JIRA and Confluence data ownership from a third-party supplier.
- Deployed and configured Tempo Timesheets JIRA plugin.
- Established agile development processes, acting as Scrum Master.
- Developed staff technical and operational knowledge of JIRA, Confluence, continuous delivery and agile.
- Managed test automation strategy using Test Kitchen and Apache JMeter.
- Interviewed and assessed Magento platform and test automation developers.

**Brightstar 20:20, Crewe** (formerly 20:20 Mobile) (Analyst Developer)

2012 October - 2014 June

*Distributes mobile phones and other devices, serving more than 200 carriers, 40,000+ retailers, and 15,000+ enterprise customers in more than 100 countries. Brightstar offers value-added device and accessories distribution, supply chain, handset protection and insurance, buyback and trade-in and omnichannel retail, and mobile digital products within the wireless telecommunications industry.*

- Updated Atlassian JIRA workflows, permission schemes and screen schemes.
- Administered Subversion, including users, roles and repositories.
- Managed software releases with change management.
- Developed and supported web and middleware applications with C#, ASP.NET, IIS, MSSQL and Oracle, including order management processes, credit scoring and various reporting.
- Developed bespoke Magento e-commerce platform plugins with Apache Server, PHP, MySQL, Elasticsearch and Javascript, including 'Contact us' forms, store locators and special order workflows with reporting.
- Designed performance testing strategy using Apache JMeter.
- Supported web operations team regarding frontend issues with HTML and Javascript.
- Maintained payment provider configurations for Secure Trading.
- Resolved production issues as needed, providing out-of-hours support.

**The Hut Group, Northwich** (Database Developer)

2011 June – 2012 October

*Operating over 100 international websites that sell premium Fast-moving consumer goods ("FMCG") direct to consumer in the Entertainment, Health and Beauty markets through its proprietary technology and operating platform.*

- **Career note:** Supported production operations and e-commerce Java web applications by troubleshooting data issues with Microsoft SQL Server and Redhat. Developed SQL reports and desktop applications using C# to automate repetitive manual tasks.

**Banking Rights Bureau, Salford** (Web Developer)

2008 September - 2010 July

*Outbound B2C sales, financial services and litigation company.*

- **Career note:** Developed web CRM application for processing telephone payments, managing orders and complaints using PHP, MySQL, Javascript, Apache Server and PayPal Website Payments Pro. Managed company DNS, email and domain registration. Point of contact for all technical queries.

**LiveSolutions, Conwy** (Junior Developer)

2006-2008

*Small web design agency, servicing online presence for local businesses.*

- **Career note:** Developed both front and backend for customer websites using PHP, MySQL, HTML and Javascript.

## Education

**Coleg Llandrillo Cymru (GNVQ) 2004**

Information Communication Technology

**Rhyl High School (GCSE) 2003**

Mathematics, English Language, Business Studies, Information Communication Technology, Graphic Design, Religious Education, Chemistry, Biology, Physics, Geography, Welsh, German.

## Hobbies

I adore GNU/Linux, and I enjoy perusing new technical challenges, on a journey of forever learning. I derive pleasure from remaining up to date with the freshest open source technology and best practices, so I can recommend areas where modern tools or process can assist businesses to accomplish their goals.