# Shaahul Hameed

Devops Engineer at AutoGeneral

## Summary

Extensive experience in Product development industry and in application support.

Extensive experience of working with the release and deployment of large-scale Web (Java/J2EE, C++ and ASP.NET) applications.

Experience in Software Release Engineering using configuration management tools Clearcase and TFS.

Experience in Software programming utilizing Perl and Unix.

Expertise in build tools using make, ANT and deployment tools using Nolio ASAP.

Extensive experience in automating day-to-day tasks using Perl, Unix and has experience in developing in-house build tools.

Hands on experience in migrating environments/servers to cloud technologies (AWS) and working on spinning up and provisioning environments in cloud on-demand.

Experience in Windows and Unix environments including shell scripting and Batch files.

Experience in Release Management and has ability to coordinate release planning with development, quality assurance and operations.

Have proven ability to thrive under pressure and possess solid decision making capabilities in critical situations.

Always keen to learn new technologies and improve my skills.

## Experience

Devops Engineer at Auto & General Services - Australia
March 2017  -  Present

Devops Engineer at Roames
April 2016  -  February 2017 (11 months)

Build Devops/Engineer at Allianz Australia Limited
September 2015  -  March 2016 (7 months)

Atlasian Stash and Bamboo administration, support, upgrade and performance tuning. Providing Git support for Allianz developers.

Design and build docker images automatically using puppet and running these docker images as containers. These containers will serve as bamboo agents.

Help teams migrate from SVN/Jenkins to Bitbucket(Stash)/Bamboo. Create bamboo Jobs, Git repositories, setup access and conduct Git/Bitbucket/Bamboo trainings.

Design, create and provide monitoring and reporting solutions using Sensu and Grafana server with InfluxDB.

Designed, implemented log management solutions using Logstash(Elasticsearch, Logstash and Kibana).

Automating provisioning of environments using scripts and designed, created a model to provision environments using puppet.

Setup testing for bamboo builds and help teams integrate their build in sonar with Unit and Integration test coverage using Jacoco.

Troubleshoot, fix environment related issues and application(bamboo/git/sonar) related issues and support developers in case of any questions/issues.

Manage exiting infrastructure in cloud and estimate future infrastructure needs.

## SCM Lead / Devops Engineer at IAG
September 2014  -  May 2015 (9 months)

1. Atlassian Stash and Bamboo support, upgrade and performance tuning. Providing Git support for IAG developers. Helping teams migrate from SVN to Git, providing training and support.

2. Building docker images automatically using puppet and running these docker images as containers. These containers will serve as bamboo agents.

3. Automated bamboo agents to receive new updates every night using puppet. Using docker containers for any development activities

4. Write new puppet modules on demand or as requested, fix any issues.

5. Configured monitoring using graphite, alerts using nagios for Bamboo, stash, build agents.

6. Nexus OSS support for IAG users, managing Nexus OSS, creating process and setting up repositories for new users.

7. Worked on designing, building an Enterprise Artefact management system(Nexus Pro) for IAG with staging capabilities.

8. Forecast and estimate new infrastructure and manage existing infrastructure needs.

## Release / Change Engineer at NextGen.Net
March 2013  -  September 2014 (1 year 7 months)

Deploy patch and full builds releases, database scripts to Staging and Production environments.

Create new customer environments, deploy code and make the site up and working.

Manage and support subversion

Responsible for managing CI tools like Bamboo, creating new builds and trouble shooting issues.

Responsible for troubleshooting and fixing Application and environment related issues.

Coordinate with other teams on resolving issues and support them.

Improve existing Change control process by fixing issues in tools, adding new functionalities and developing tools for process improvements.

Harmonise various build process and create an unified deployment procedure.

Automate manual process and coordinate with different teams in case of issues.

Creating an automated one touch deployment process which will increase productivity and ensure quality.

## Build & Deployment Engineer/Configuration Manager at Logitech
June 2011 - January 2013 (1 year 8 months)

Responsible for configuration management, environments management, release management, build management and config file management.

Migrated the manual Packaging and deployment process to an automated task(one touch deployment) using Nolio ASAP and reduced the packaging and deployment times from 6 hours to 30 minutes.

Mentored other team members, developers and QA on Nolio usage and troubleshooting.

Designed and implemented in house Release engineering tools to achieve better productivity.

Responsible for troubleshooting and fixing the infrastructure and Application related issues on various environments.

Have designed the patch mechanism and have successfully implemented in production environments in case of critical fixes.

Responsible for creating new branches in TFS and its related infrastructure needs and owner of merge operation between branches.

Have successfully designed and implemented branching and merging strategies in accordance with the business requirements.

Successfully migrated all the environments, build servers and build controllers from data center to Cloud (Amazon AWS).

Successfully managed concurrent deliverables on time and with quality within fast-paced environment and under deadlines

Responsible for TFS management that includes creating build definitions and permission management.

Accomplished dry run build and deployment before going to Production live. Providing formal documentation including environment specifications.

Installation, configuration and maintenance of Jenkins integrated with Git for mobile platform project.

Responsible for hand-offs from/to Onsite Counterpart.

## Release Engineer/Manager at PayPal
June 2010 - June 2011 (1 year 1 month)

Handled the Bi Weekly Release 62 & 65, which composed of totally 167 features and pushed to LTS (Live to site).

Responsible for pushing different releases like Major, Isolated and Unplanned Releases etc.

Provide communication to various levels of audience on plans, status and updates on all the Major, Maintenance and Hot fix releases.

Provide Code Branching strategies for the releases in SCM tool Rational Clear case.

Use Release Engineering tools to facilitate the delivery of code by engineers.
Responsible for coordinating with Change Management Team in getting Change Tickets approved.
Responsible for debugging in case of site issues and delivering changes to integration branches.
Prepush all the packages from build repository to staging server and then to all targeted live servers for deployment.
Identify and mark defective live servers, take them out of load balancer and queue them for repair workflow.
Configure new packages and their server groups in turboroller for deployment during a push.
Work with network operations team during the push for issues and ensure site stability.
Responsible for coordinating with Dev incase of site issues encountered after pushing Components.
Ensure offshore teams understand and follow Release Management processes by providing frequent trainings.
Responsible for hand-offs from/to Onsite Counterpart.
Automate day-to-day tasks.

## Build and Release Engineer at Oracle Corporation
2007  -  2010 (4 years)

Install, setup new build servers, maintain build environments, troubleshoot and fix Infrastructure issues
Responsible for building patches, Fix Packs, weekly, nightly, development and PDA builds.
Execute web based builds to allow any time and any branch builds.
Successfully designed and implemented build optimization techniques that reduced the full build time from 36 hours to 8 hours.
Developed, enhanced many in-house tools, which allowed capturing build errors beforehand and increased productivity.
Responsible for delivering changes to release branches and maintain source code in rational clearcase.
Interactively worked with development team and project managers to develop new features and functionality on both sides of backend scripts and web-based scripts.
Developed Release Engineering tools using Perl to address the issues faced by developers.
Worked with other teams and helped them in Cross tools development.
Automated day-to-day tasks using Perl script.
Responsible for maintenance and enhancements of Release tools developed internally.
Educating developers and other teams on build and release procedures.
Mentored other team members on Perl language and SDLC Concepts.

---

## Education
Madurai Kamaraj University

Bachelor of Engineering (B.E.), Electrical, Electronics and Communications Engineering, 2000 - 2004
Activities and Societies: SITECH, Senior students Council
Railway Mixed higher secondary school
Biology, 1994 - 2000

# Shaahul Hameed

Devops Engineer at AutoGeneral

**Linked** in.

Contact Shaahul on LinkedIn