




TAHA DEROUICHE

DEVOPS ENGINEER – STANDARD CHARTERED SINGAPORE



ONLINE

 [linkedin.com/in/tahaderouiche](https://www.linkedin.com/in/tahaderouiche)
 github.com/tahaderouiche
 www.tahaderouiche.com

CONTACT

**144 Holland Road,
Singapore, 278576**
t: +65 9187 1486 | e: me@tahaderouiche.com

SUMMARY

Over **5 years** IT experience in **DevOps** and **Service Reliability Engineer** in mission critical environments across the Financial industry. Extensive hands-on of DevOps with strong analytical, design and problem solving skills to the **benefit of customers**. Built a fully automated **elastic stack** based solution for **log aggregation** and **data analytics** running on **docker** containers. **Passionate** about technology, constantly challenging my knowledge online or through meetups. Certified **AWS** Solutions Architect, **Red Hat** System administrator, Scrum Master and Machine Learning (Coursera). Proven track of highly successful projects development in design, implementation, **automation**, **continuous deployment** pipeline for real-time and low-latency applications. Able to **communicate** effectively at all levels and able to work on own initiative or within a larger group including during crisis situations.

TECHNICAL PROFILE

DevOps	Ansible, Git, GitHub, Bitbucket, Inedo BuildMaster, Jira, Jenkins
Elastic stack	Elasticsearch, Kibana, Logstash, Filebeats, metricbeat, packetbeat
Monitoring	ITRS Geneos, Nagios, AppDynamics, Splunk
Programming	Python, Shell Scripts, Java
RDBMS	Oracle, MS SQL, Sybase, PostgreSQL, MySQL
OS	Linux: RedHat, CentOS, Debian, Ubuntu. Windows: Server 2003, 2008
Infrastructure	Docker, Virtual Machine, Vagrant, Amazon Web Service, Google Cloud Platform
Certifications	Amazon Web Service Certified Solutions Architect – Associate Agile - Scrum Master Certified RH124 – RedHat System Administrator ITIL - Certified in ITIL Service Management Foundation

EXPERIENCE

Standard Chartered Singapore
May 2017 - Present

● **DevOps Engineer, EDMl Project – Enterprise Service Bus Middleware**
Elastic Stack

- Developed a POC with all project requirements and demo to business stakeholders.
- Designed a solution for log aggregation transitioning from Splunk.
- Architected elastic stack based solution to integrate with application components to enable application transactions monitoring and analytics.
- Performed internal workshops to development and support teams for knowledge sharing and operational requirements gathering.
- Implemented a fully automated elastic stack deployment, using Bitbucket, Ansible, Artifactory, Jenkins, running on Docker containers in all environments up to production.
- Automation includes rolling upgrades, configuration changes as well as Kibana visual elements.
- Collaborated with Elastic architects and support to assess technical risks, suggest features and concerns on some components.
- Keeping up to date with new releases, following new articles and features through Elastic Blog, Elastic[ON] and github updates.
- Completed elastic online training for XPack security and Machine Learning.

Devops

- Creating fully automated CI build and deployment infrastructure and processes.
- Using Docker, Jenkins, RHEL, Artifactory, Ansible and BitBucket.
- Working closely with Architecture, Development and Security teams

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Commerzbank Singapore

May 2014 – May 2017

Front Office Application Manager for Pricing, Structuring, Trading, Market Data

Product Management

- Managed the award-winning FX structuring application Commander Kristall including configuration and deployment of all required app, infrastructure, administrative and regulatory tasks.
- Performed multiple infrastructure migrations from Physical to VMs
- Created automation and deployment templates for Windows and Unix applications using Inedo Buildmaster and TeamCity.

Change and Incident Management

- Direct support to the FX Options and eFX Desks (14 traders, 15 sales and 10 Quants) on the trading floor based in London, Frankfurt, Singapore and New York
- Identifies, diagnoses, and resolves functional and technical problems and business critical incidents through research and analysis of trends, root causes, and business impact
- Improved level of support by continuously optimising monitoring and alerts escalations using Genoes, Nagios, UC4 as well as other internal monitoring tools and processes

Commerzbank Singapore

Jun 2012 – May 2014

Back Office Application Analyst

Developed fixes and Improvements to reconciliation and reporting applications
Designed software patches and upgrades to ensure post migration compatibility
Implemented Infrastructure migrations and coordinated post go-live operational meeting with stakeholders to prepare the application's contingency plan

Numericable - Paris

May 11 – Dec 11

Geographic Information System Analyst

Analysed client's database geographically, as a tool for an efficient decision-making.
Data mining crossing Public available data and internal customer data.
Produced digital maps with Mapinfo for visualising relationships and spot trends processed using Google Maps geolocation engine through XML calls.

EDUCATION

National University of Singapore

Jan 12 – May 12

Information System and Computer Science

Exchange student at School of Computing.
Courses: Information Systems, information security, e-business

Grenoble Institute of Technology, France - Ensimag

Sep 09 – Dec 12

Master of Science in Networks and telecommunication Engineering

Major: Computer science, Telecommunications, Networks

IPEIT - Tunisia

Sep 07 – Sep 09

Ecole Preparatoire – PC

Major: Mathematics, Physics, Electronics

LANGUAGES

English	Fluent (IELTS score 8)
French	Bilingual
Arabic	Native
Spanish	Basic

INTERESTS

Technology trends and news, politics, travelling, football, movies