Thomas E. Michaud

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https://github.com/tmichaud/resume

Current Areas of Study: Docker, Kubernetes, DevOps, Go, Java, Ansible

Skills Summary:

- 10+ years' experience in Software Development
- Programming Languages: Go, Java, Python, SQL, Perl, Bash Shell
- Operating Systems: Unix, Linux, Windows
- Relational Databases: MySQL, Oracle, Sybase, MS-SQL
- Other: HTML, CSS, XML, Git, SVN, JUnit, Mockito, Jenkins, CURL, Postman

Imagine Believe Realize, LLC. Identity Engineer   06/2020-Present
Okta Certified Professional
Development Environment: AWS, Java, Okta, Ping, Docker, OAuth2, OIDC, SAML

Developed identity and authorization solutions in a variety of environments.

Notable items:
- Investigated Ping Federate using AWS, Docker, Ping DevOps.
- Developed Okta interface pages using AJAX and Okta APIs in Liferay, Docker, HTML, Bootstrap.

Imagine Believe Realize, LLC. DevOps Engineer   11/2019-06/2020
Development Environment: AWS, Liferay, Java, Ansible, Nexus, Git, Bamboo, Jira

Specialized in the development of pipelines to automate the building and delivery of software to QA and Production.

Notable items:
- Developed a notification program using Lambda, Python, SQS and SNS.

Lockheed Martin, DevOps (Contractor)   10/2018-11/2019
Development Environment: Ansible, OpenShift, Jenkins, VMWare, Satellite, Nexus, Docker

Worked on a program-enhancing team to explore the shift from legacy Windows applications to a Linux-OpenShift containerized approach.

Notable items:
- Setting up Jenkins pipelines in OpenShift for Development teams to ensure testing and automate delivery
- Developing Ansible scripts to configure both Linux and Windows boxes in both command-line Ansible and Ansible Tower

Accesso, Architecture Team Senior Developer   03/2016-03/2018
Development Environment: Java, MySQL, RESTful WS, DevOps, AWS, Jenkins, Docker

Creating DevOps solutions for the development teams including Continuous Integration, Continuous Deployment and Continuous Delivery.

Notable items:
- Migrated all Git repositories from locally hosted Gerrit to GitHub via Python and Bash scripts.
- Managed, standardized and maintained the build scripts for 75+ GitHub repositories
- Developed both Nightly and Continuous Integration scripts with GitHub protected branches with status checks. This included working with both development and management in standardizing our software control processes.

- Developed a release script that processed 75+ repos: automatically detecting, cutting, building, testing and deploying to QA. Development stack: Python, Bash, SSH and Jenkins
- Installed and configured a MySQL database on a RAM drive. This reduced automated testing speed by a factor of 600%.
- Migrated production jobs from individual configuration files to a centralized configuration database to simplify configuration.
- Created an AWS prototype solution of current application
- Researched new technologies including Tyk, Docker and OpenShift.

Accesso, Team Lead – Payments   12/2014-03/2016
Development Environment: Java, MySQL, C#, XML, Sockets

Implemented new payment processing solutions while maintaining and monitoring the single back-end e-commerce solution for web, kiosk and mobile platforms Point-of-Sale platforms. These new features and interfaces had to be within PCI compliance and standards. This system processes over $1 billion (USD) in revenue every year.

Notable items:
- Led an initial team of 3 developers (eventually increased to 6). Deployed 6 new payment interfaces on time and within budget. Responsible for mentoring, design, and review of code.
- Developed code to process additional payment processors (Ogone and Acculynk). This allowed us to process additional card types including China Union Pay and JCB. Developed in Java, MySQL, XML.
- Developed code for new Point-of-Sale system to process payment processors including Shift4 and Verifone (UK and US) while interfacing with new vendors. Developed in Java, C#, MySQL.
- Design Patterns – recommended and implemented several design patterns including Factory, Dependency Injection and Chain-of-Responsibility to inject specific payment processor mechanisms into our Point-of-Sale system safely and easily – reducing development time.

Accesso, Senior Developer   03/2013-12/2014
Development Environment: Java, MySQL, C#, XML, Sockets
Implemented new features to the back-end ticketing framework and providing mentoring to developers.

Notable Points:
- Evaluated and recommended simplified load techniques – such as automation, data migration and configuration management.
- Evaluated, recommended and implemented Unit Testing via JUnit testing framework and Continuous Integration Server (Jenkins). Evaluated and recommended Mockito and PowerMock.
- Recommended and implemented switching to Git source code control (in 2013).

Accesso, Developer   10/2011-03/2013
Development Environment: Java, MySQL, XML, Sockets
Implemented new features to the backend ticketing framework.

IBM, Programmer Analyst   10/2010-10/2011
Traveling Consultant
Development Environment: Java, Ant, Sybase, Netezza, Weblogic, Tibco BusinessWorks

Developed solutions for various clients from deploying Java Servlet Programs on WebLogic to developing custom functions in Netezza.

Clearances: Secret

Education:
Masters of Science, Engineering Management, University of Central Florida, Orlando, Florida
Bachelors of Science, Computer Science, University of Central Florida, Orlando, Florida