

ANDREW MAJOT

QUALIFICATIONS PROFILE

Well rounded web application devops engineer with more than 4 years of experience in all facets of development from infrastructure design to testing, deployment, and monitoring. Enthusiastic hands-on developer with a proven record of driving results by communicating across lines of business to achieve goals. Brings graduate academic experience to bear on highly technical projects by analyzing variables while researching and experimenting to find the best performance and cost options for given applications. Articulate communicator capable of bridging the divide between technical and business professionals.

AREAS OF EXPERTISE

Amazon Web Services ~ Google Cloud Platform

High Availability Application Architecture

Continuous Integration ~ Agile Development and Scrum ~ DevOps

Unit Testing ~ Test Driven Development

Jenkins ~ Ansible Tower ~ Chef ~ Docker ~ Terraform

PHP ~ Java ~ Python ~ Javascript ~ Golang

Zend Framework 2 ~ Zend Expressive ~ jQuery ~ D3

Hive ~ Postgres ~ MySQL ~ DB2 ~ Oracle



PROFESSIONAL EXPERIENCE

NEUSTAR INC. ■ LOUISVILLE, KY | STERLING, VA (2010-PRESENT)

DevOps Web Application Engineer

2013-PRESENT

Utilize Agile development methodologies, Continuous Integration, and a DevOps philosophy to create and maintain Neustar websites, web applications, and server architectures on the LAMP stack. Amazon's AWS services are implemented to create the necessary infrastructure for new products, and older projects are maintained on existing in-house server hardware while some are moved to the cloud. Frequently meet with internal project stakeholders to determine requirements, and then develop them according to weekly feedback. Rated as an exceptional performer (top 10% of 2000+ employees).

KEY RESPONSIBILITIES:

- Develop new applications to meet business partner needs
 - Meet with teams to discover their needs and how to solve them with technology
 - Participate in or run daily scrum meetings to keep projects on track
 - Keep client feedback loop open for continual improvements through project lifetime
- Migrate legacy applications from outdated architecture and code to newer infrastructure and coding paradigms
 - Analyze current application code and infrastructure to identify and address weaknesses.
 - Implement updated infrastructure in the Amazon Cloud to create Highly Available (HA) applications.
 - Benchmark and model applications to determine best cost/performance ratio.
- Member of DevOps group that used Continuous Monitoring/Delivery best practices
 - Design and implement application and server monitors
 - Participate in weekly on-call rotation to fix any production issues using PagerDuty to automate notifications reducing MTTR

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CARE Product Support / Analyst Tier I

2010-2013

Provided customer support for the Customer Account Records Exchange (CARE) Product at Neustar, Inc. Support included entering data via GUI and automated spreadsheet processing, customer troubleshooting of the online GUI, and answering any product inquiries by phone or email. Provided in-depth data analysis for CARE query systems. Also helped create and implement process automation to improve efficiency of business processes. Rated as a very high performer (top 20% of 2000+ employees) in Neustar.

DBS>INTERACTIVE ■ LOUISVILLE, KY (2010)

Mobile & Web Application Programming Intern

2010

Assisted in developing mobile and web applications for company clients. Mobile applications were developed using the Titanium Appcelerator Platform, allowing for both Android and iPhone development using a single codebase. Web applications were created using PHP, Javascript, JQuery, and MySQL. Also provided hardware and software support for employees on an as-needed basis.

INDIANA UNIVERSITY SOUTHEAST ■ NEW ALBANY, IN (2008 - 2010)

Undergraduate Research Assistant

2008 - 2010

Engaged in research funded by the Department of Informatics involving cluster computing and the defining of AstroInformatics as a scholarly field. This research focused on using the power of cluster computing to process existing datasets from the online Virtual Observatory in order to find Near Earth Objects (NEO's) and other celestial objects.

Undergraduate Research Fellow

2009

Researched methods and practices of constructing a small-scale cluster computer system using Debian Linux and Beowulf clustering software. Dubbed SkyNet, its purpose is to help the astronomical community by using a computer cluster to autonomously search for Potentially Hazardous Objects from both old and new data acquired from the National Virtual Observatory, the SDSS, and the soon to be operational LSST.

▣ EDUCATION

Bachelor of Science, Informatics

Indiana University Southeast ■ New Albany, IN

Studies focused on human-computer interaction, desktop and mobile application programming, web application development, multimedia design, computer network/systems security, and project management. Worked individually and in groups to create desktop, mobile, and web application prototypes.

Master of Science, Computer Science

University of Louisville ■ Louisville, KY

Studied Artificial Intelligence, Data Mining, and advanced Computer Science topics through the University of Louisville Speed School Computer Engineering and Computer Science program. Performed research on topics including quantum cryptography and computational ethics. Presented at the 1st annual IEEE International Symposium on Ethics in Engineering, Science, and Technology. Two research papers are also in the publishing pipeline for a special edition of the Elsevier journal *Futures* and the upcoming 2nd edition of the Machine Intelligence Research Institute's *Singularity Hypothesis*.