Sean Baskin

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Summary

I develop enterprise Java and Spring web applications and am passionate about the work I engage in. That passion has driven varied interests that I have incorporated into my professional portfolio ranging from the core Amazon Web Services, the Docker platform, and a healthy dose of DevOps tools and practices. Goal-oriented with a focus on the entire software development cycle. I live in Linux and I also like maps, mathematics, and other programming languages!

Experience

Software Developer   April 2014 - Aug 2018
BNL Consulting, LLC.

- Designed, developed, or contributed to seven (7) client projects.
- Designed and implemented automation of component processes for client's existing application workflow resulting in a geometric increase in customer capacity for their commerical service offering.
- Technical lead for internal research project that containerized existing client application and subsequent deployment using Infrastructure-as-Code, configuration management, container orchestration, and public/private cloud platforms.
- Core developer for two (2) year client project that entailed refactoring existing application from .NET to Java, implementing RESTful web services, improving ETL and analytics processes, expansive search functionality, and data modeling.
- Contributed to the development of business intelligence / analytics web applications utilizing Javascript, AngularJS, and d3.js.
- Authored blog posts Cloud-First Microservices: AWS API Gateway and Lambda in Action and Visualizing Clusters with ArcGIS for Flex.

Education

Credit Hours towards   Aug 2011 - Dec 2013
M.S. in Computer Science
University of Tennessee at Chattanooga

Post-Baccalaureate in Computer Science   July 2011 - May 2012
University of Tennessee at Chattanooga

Bachelor of Arts in Geography   Aug 2007 - May 2011
University of Tennessee at Knoxville

Skills

JavaScript & Web Technologies

ES2015, NodeJS, Babel, Yarn, Webpack, ReactJS, CSS Preprocessors

Java

JDK 11, Java Persistence API (JPA), Hibernate, JUnit, Maven, Gradle, Lombak, Immutables, Quartz

Spring

Spring Framework, Spring Boot, Spring Security, Spring Web MVC, Spring Data, Spring Batch

Databases & Datastores

Oracle + PL/SQL, PostgreSQL + PL/pgSQL, MySQL, Redis, MongoDB, DynamoDB, Solr

Amazon Web Services

Lambda, API Gateway, Virtual Private Cloud (VPC), Elastic Compute Cloud (EC2), Simple Storage Service (S3), Elastic Block Store (EBS), Identity Access Management (IAM), Elastic Load Balancer (ELB), Route 53, Relational Database Service (RDS), DynamoDB, AWS CLI

DevOps

Jenkins, Docker, Ansible, Packer, Terraform, Consul, Nomad

Computer Science & Software Engineering

Inversion of Control (IoC), Aspect-Oriented Programming (AOP), Object-Relational Mapping (ORM), Continuous Integration / Continuous Deployment (CI/CD), Configuration Management, Container Orchestration, Service Discovery, Secrets Management, Assymptotic Analysis

Certifications

- AWS Certificated Developer - Associate
- Adobe Certified Expert Flex 4.5