Sean Baskin

LinkedIn
GitHub
StackExchange
seanbaskin@gmail.com
(423) 580-9185

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 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 microservices to automate internal workflow components and processes for client's existing commerical SaaS offering resulting in a geometric increase in customer capacity.
- Technical lead for internal DevOps R&D project that containerized our commerical SaaS application and subsequent deployment using Infrastructure-as-Code, configuration management, container orchestration, and public/private cloud platforms that was later included in our product offering.
- 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 NodeJS, 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 2012 - 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

- Graduate Teaching Assistant for two (2) semesters.
- Graduate Research Assistant for two (2) semesters.

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

- Award recipient at the Exhibition of Undergraduate Research and Create Achievement (EURéCA).
- Tutor at the UTK Math Tutorial Center.

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, Lucene/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

Algorithms and Datastructures, Asymptotic Analysis, Parallelism and Concurrency, 12-Factor Applications, Enterprise Integration Patterns (EIP), Inversion of Control (IoC), Aspect-Oriented Programming (AOP), Object-Relational Mapping (ORM), Continuous Integration / Continuous Deployment (CI/CD), Configuration Management, Container Orchestration, Service Discovery

Certifications

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