Jim Brighter

jimbrighter.com | 267.265.4446 | jbrighter92@gmail.com

Senior software engineer with expertise in backend and AWS cloud development in large, customer-facing software systems. Experienced in leading development teams to deliver meaningful results in critical applications.

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Experience

Walmart Global Tech / Senior Software Engineer

DEC 2023 - PRESENT, RESTON VA

- NodeJS and Express backend development and kubernetes devops in Cloud Powered Checkout
- Led an effort to decommission two redundant applications by migrating API logic into other services and enhancing functionality
- Enhanced application monitoring and alerting in Prometheus and Grafana to have improved visibility during production releases
- Led development of a new service using websocket connections to transmit data asynchronously from a Redis cache to clients
- Designed a system to enable parsing multiple different types of IDs at self-checkout to improve customer purchasing experience
- Led migrations off of legacy, homegrown tools to more modern, enterprise-supported and/or open-source solutions
- Jenkins pipeline development for multiple apps to enable full CICD deployments to 4500+ clusters

Capital One / Manager, Software Engineering

FEB 2023 - DEC 2023, MCLEAN VA

- Directly managing two software engineering teams owning four different applications
- Working with Product Owners and tech leadership to prioritize work on the teams
- Collaborating with partner teams to deliver work across the Money Movement organization
- People leader for six developers ranging from junior to senior level
- Leading technical system design and architecture decisions for multiple initiatives across both teams
- Incident management: leading resolution, root cause analysis, and presentation to leadership for production incidents
- Occasional hands-on development work and production support as needed

Capital One / Principal Associate - Senior Software Engineer

JULY 2021 - FEB 2023, MCLEAN VA

- Designing, architecting, and building new APIs and integrating them with existing systems
- Owning large-scale development projects and influencing team decisions
- Mentoring and managing junior developers on the team
- Working with Product Owner and tech leadership to prioritize work on the team
- All development and production support responsibilities of previous position

Capital One / Senior Associate - Software Engineer

NOV 2018 - JULY 2021, MCLEAN VA

- Java development & devops supporting Remote Deposit Capture API (mobile check deposit) and Commonflow API (other rails of money movement including wire transfers and cashiers checks) for Retail and Direct Banking Technology
- AngularJS and Angular 7 development for Money Movement components of capitalone.com
- Jenkins pipeline development for RDC, Commonflow, and UI applications, integrating with tools like Sonarqube, Jmeter performance testing, and static code security scans
- Maintaining Dockerfiles and Cloudformation templates for APIs
- Production support using Splunk, Newrelic, and Cloudwatch alerting/monitoring

Infostellar Inc / Agile Software Developer

JUN 2018 - NOV 2018, MCLEAN VA

- Java devops at Department of Homeland Security - United States Citizenship and Immigration Services
- Development on MyEverify web application using Java, Microsoft SQL Server, Spring, JUnit
- Using Docker to containerize applications and their components to be deployed on AWS and OpenShift platforms
- Designing Jenkins pipeline to automate builds and deployments
- Improving application stability and security with automated testing and scanning, e.g. Fortify, Sonarqube, Selenium

Revature Inc / Software Developer

JAN 2016 - JUN 2018, WASHINGTON DC

- Java and AngularJS DevOps at Department of Homeland Security - United States Citizenship and Immigration Services.
- Actively develop and test features on the Electronic immigration System (ELIS) site using Java, Hibernate, Spring, AngularJS, Oracle SQL, and JUnit testing framework.
- Implemented multiple AngularJS directives for displaying and resolving background check data.
- Architecture, design, and development on microservices using Spring Boot with Hibernate and PostgreSQL, deployed to AWS Elastic Container Service via Terraform or to OpenShift Container Platform.
- Created Jenkins pipelines to manage build and deployment processes.
- Production support efforts using NodeJS scripts to handle and resolve JMS errors.

Revature Inc / Software Developer Intern

SEPT 2015 - DEC 2015, WASHINGTON DC

- Developed and supported internal applications developed with Java, Spring, and Hibernate.

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Education

University of Pennsylvania / Bachelor of Arts

SEPT 2011 - MAY 2015, PHILADELPHIA, PA

Majors: Psychology and Computer Science

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Skills

PROGRAMMING

Java, NodeJS / Javascript / Typescript, Springboot, Express, Angular, Python, HTML, CSS

TOOLS

AWS (EC2, ECS [Fargate], S3, Cloudformation, Cloudwatch, Route53, EKS, Lambda), Kubernetes, Jenkins, Git, Bash, Docker, Gradle, Maven, Powershell, ActiveMQ, AWS CDK, Kafka, Prometheus, Grafana, Redis

DATABASES

SQL (Postgres, MariaDB), DynamoDB

OTHER

DevSecOps, test-driven development, agile methodologies including scrum and kanban, service-oriented and microservice architectures, REST APIs, serverless architecture