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Summary

I am a software engineer with professional experience in Java development using Spring Boot frameworks and REST APIs to create web applications. I have experience in using AWS services to deploy and host applications, manage and monitor data effectively. Additionally, I have experience using Docker to set up microservices for local development and employ Terraform for higher-level environments. I am adept at researching solutions to stay current with advancing technologies and keeping applications up to date. I seamlessly adapt to new roles and tasks and excel at completing projects within established schedules, delivering products in a timely fashion.

Experience



Senior Software Engineer (50% Java Backend 50% Infrastructure DevOps)

Picnic Corporation

Jul 2020 - Sep 2023 (3 years 3 months)

- Key member of the User Applications team building the two flagship applications for Picnic (Command Center and CheckUp), associated infrastructure, and most recently spinning up an API Service so customers could integrate our data with their own internal workflows and applications. Was personally responsible for transforming product ideas into secure, maintainable, reliable, and performant features across our product suite. Was deeply involved in all aspects of the software development cycle, from feature inception, through design, task breakdown, implementation, deployment, and maintenance. Was primary owner of our CI pipeline & deployments, notification service, and SSO w/ Okta.
- DevOps & Infrastructure lead across the user application team for both flagship products. Responsible for our CI pipeline, and our one click staging & production deploy pipelines, as well as all our infrastructure of code implementations.
- Architected and implemented a notification service using SNS, SQS and AWS Lambdas to trigger inter-application communication by sending emails, parsing through requests and updating appropriate data stores.
- Managed & maintained our integration with our identity management platform, including both flagship applications, as well as integrating SSO with our customers.
- Owned database merging of our two flagship application's databases into a single consolidated schema to simplify architecture and infrastructure overheads, and facilitate feature creation across an artificial boundary. Ensured delivery of the project with the fewest regressions possible, coordinating with devs, qe, product, and leadership. Kept clear open lines of communication with leadership to ensure delivery was not disrupting organizational objectives.
- Cross-collaborated with the other team to help create Python Pub/Sub micro-services to parse data through the Data Service during a system overhaul.



Software Engineer

Sophos

Nov 2018 - Aug 2020 (1 year 10 months)

- Primary project (EDR) phase 1, 2, and 3, delivered on, and brought in over 50M USD in revenue across 1M+ customers globally in the first year of the project's life.

- Created a web service layer using SpringBoot that would read/write results data from Kafka messages to our ElasticSearch clusters to reduce API call read times by a factor of 10.
- Implemented the Admin Tools feature using JAX/RS to call our ElasticSearch index to sort through execution data by user input, retrieve the relevant data from DynamoDB, parsing the data into a DTO and sending it back to the Central Dashboard.
- Enabled automated system-wide updates via a Java micro-service to ensure our DynamoDB tables had up-to-date ML scores.
- Redesigned, rewrote, tested and streamlined AWS lambdas from NodeJS to Python to meet version control standards.



Contracted Software Developer for Fannie Mae

Fannie Mae

Nov 2016 - Nov 2018 (2 years 1 month)

Contracted Software Developer for Fannie Mae:

- Entrusted with software upgrades and maintenance of a legacy application.
- Responsible to application documentation: Functional, swagger-ui, API design.
- Developed a RESTful web service for internal applications to access our on premises database and our AWS S3 Bucket.
- Actively participated in Kanban agile practices to keep work flow at a predictable and efficient pace.
- Implemented a quarterly migration of on premises data files to AWS S3, to alleviate server strain and save the company money.
- Organized training sessions for our team in Angular and HTML/CSS.
- Redesigned an application to Angular and creating a multipurpose RESTful backend running on Spring Boot, to be deployed via AWS Elastic Beanstalk and hosted on an AWS EC2 instance.



IT Consultant

FDM Group

Aug 2016 - Nov 2018 (2 years 4 months)

Java Development Consultant at FDM Group:

- Received training in Java, UNIX, SQL, and Web Development.
- Received training in Professional Skill such as creating presentations, scheduling and arranging meeting, and workplace etiquette.
- Received training in Finance and Financial services.

Education



City Tech, CUNY

Bachelor of Applied Science (B.A.Sc.), Computer and Information Systems

Student in computer information systems department, focusing on programming, network security and databases.

Skills

MongoDB • Amazon Web Services (AWS) • DevOps • Java • Scala • Python • Docker • Okta • Spring Boot • JavaScript