Lalu John

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Professional Experience

State Farm
Richardson, TX

SENIOR SOFTWARE ENGINEER
Dec 2021 – Present

- Led multiple teams of varying sizes across departments in creating, maintaining and modernizing high traffic applications
- Have created and delivered multiple RESTful APIs as well as full stack applications using a combination of SpringBoot or React, and Node stack (MERN) with cache and datastore in the backend.
- Experienced in full Devops lifecycle for applications deployed to on-premises servers, Kubernetes clusters, as well as varying cloud infrastructures
- Often take on Proof Of Concept efforts for the team, that is then shared back with the enterprise to minimize duplication and bring about efficiencies
- Enforces SRE practices within the team by setting up alerts and dashboards in Splunk, Grafana, and Dynatrace, maintain a run-book for owned products, include feature toggles, as well as train and support engineers to on-call rotations.
- Promote a sense of collaboration and respect within the team by providing constructive feedback on code reviews, grooming, and retrospectives. This has resulted in the team delivering out of the box solutions that have brought incredible efficiencies to owned products
- Constantly included in leadership level decision making for engineering expertise and have brought about suite wide changes
- Facilitate a multi-department guild for engineers with over 90 participants for each session. Session topics range from bringing in speakers from across the enterprise for technical topics, or open forums for engineers to discuss problems, solutions, and new stacks
- Attended and won multiple hackathons within the enterprise with working solutions.

SOFTWARE ENGINEER
Jun 2016 – Dec 2021

- Led a product team that owned multiple CRUD microservices as well as integrations to vendor solution
- Migrated multiple legacy IBM WebSphere applications and MQ listeners to modern solutions and hosted on premises which provided massive efficiencies in development, deployment, and maintenance efforts

Rockwell Collins
Richardson, TX

SYSTEMS ENGINEER CO-OP
Jan 2016 – Jun 2016

- Created Python scripts to automate testing for critcal navigation and guidance systems.
- Configured a Bamboo server for continous delivery of code, and provided presentations promoting continuous delivery across areas

Tyler Technologies
Plano, TX

DEVELOPMENT INTERN
Jun 2015 – Aug 2015

- Created single page web applications using ASP.NET, C#, and AngularJS to be deployed and used by clients.
- Incorporated Bootstrap for achieving an appealing and responsive interface. This made consumer feedback easier to implement.
- Participated in Agile ceremonies including sprint demos every two weeks with the end user

Programming Experience

Languages:	Java, Typescript, Javascript, Python, C#, C++, C, Groovy, Haskell, LaTeX
Data Technologies:	DynamoDB, Redis, MySQL, PostgreSQL, Oracle SQL, IBM MQ, Rabbit MQ, ElasticSearch
Frameworks:	Spring, ReactJS, GatsbyJS, AngularJS, ASP.NET
Version Control:	SVN, GIT
Monitoring Tools:	Splunk, Grafana, Dynatrace
Deployment Tools:	GitpOps, ArgoCD, Jenkins, Scalr
Infrastructure:	Cloud Foundry, Kubernetes, Red Hat OpenShift, AWS

Education

University of Texas at Dallas
Richardson, TX

BACHELOR OF SCIENCE IN COMPUTER SCIENCE
Sep 2012 – May 2016

Completed coursework in Data Security, Human Computer Interactions, Operating System Concepts, as well as various programming courses. Published findings from a semester project involving an andoid application that securely stored encrypted passwords on a cloud infrastructure.

Graduated with a GPA of **3.87**, Magna Cum Laude