Rahul Chilukuri

Key Skills

- Java, Golang, Microservices
- REST, GraphQL, HTTP, TLS
- SQL, NoSQL, JSON
- AWS Cloud, Docker
- Kubernetes, Helm charts
- JavaScript, jQuery, Groovy
- Git, Linux, Shell Scripting

Highlights

- Strong sense of ownership
- Implemented an internal library to fast-track application deployments into AWS Cloud
- Demonstrated to broader internal teams on product feature improvements and quick solutions collaborated during hackathons
- Improved computation intensive email delivery involving huge number of images, to several end users
- Improved bottlenecks, addressed out of memory errors & memory leaks in REST APIs analyzing heap dumps
- Lead a team towards delivering a high-visibility ordering system
- Reduced a java batch operation runtime from 90 mins to 5 mins
- Presented brown bag sessions
- Well versed in secure java coding practices

Education

Bachelor of Engineering, 2002-06
Satyabhama Institute of Science & Technology, Chennai, India

Contact

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Linkedin

Summary

- Results oriented software engineer with over 15 years of experience building highly scalable, fault tolerant & performant APIs and microservices using java, REST, Kubernetes, Docker & MySQL
- 10+ years of working with remote and cross-functional teams
- Team player with ability to work under minimal supervision
- Excellent technical, analytical, problem-solving, and debugging skills
- Passion for high quality code and mentoring junior engineers

Experience

10/2018 – Present Software Principal Engineer, SecureWorks Inc, Atlanta
- Integrating Counter Threat Platform backend with CTPx platform
- Streamlined deployment of several microservices to AWS
- Lead the team's initiatives towards AWS Cloud Migration
- Lead efforts to be compliant on software export tracking
- Responsible for REST API microservices utilized by IDS/IPS systems
- Integrated CTP microservices with API Gateway

04/2017 – 10/2018 Software Senior Engineer, SecureWorks Inc, Atlanta
- Lead Vuln Services Migration from C++ to Java
- Designed and developed Threat Intelligence (TI) for customer portal
- Implemented responsive design for UX components in TI
- Implemented ratings for TI Articles and library documents
- Implemented spring security impersonation for portal users
- Rewrote TI Lucene indexing to improve performance of TI Search

05/2013 – 04/2017 Software Staff Engineer, SecureWorks Inc, Atlanta
- Implemented TI Global search, feeding UI Widgets from RSS feed.
- Built caching of ct-prov contacts, clients, and locations to improve performance in intel-batch to improve email delivery
- Integrated email processing of TI articles with Notification systems
- Implemented retrieval of counter measures from blobstore servers
- Modularized monolithic code structures for better maintenance
- Implemented D3.js to represent attack sources, vectors & types

05/2013 – 05/2013 IT Analyst, TCS Ltd, Atlanta for The Home Depot, Inc.
- Designed & developed Common Ordering System to interact with Sterling Order Management Systems and Enhanced Special Services
- Designed & developed Buy Online Pickup in Store, eCatalog, Asset protection, Perpetual Accuracy and Store merchandise transfers

06/2006 – 11/2008 Assistant Systems Engineer, TCS Ltd, Kolkata, India
- Implemented solutions for New organizational hierarchical changes for Somerfield stores, adding business partners, Gap analysis tool
- Responsible for data modeling and implementing queries/stored procedures with proper optimization and performance tuning