Supun Edirisinghe

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OBJECTIVE

Obtain employment as a Principal or Senior Software Engineer with a technology company

SUMMARY

20+ years experience

- Developed highly available, dynamic data based web applications capable of handling large volumes of traffic + supporting subsystems and databases
- Excellent analytical, creative, problem solving skills
- Java, JVM: Jetty & Tomcat, JBoss, Groovy/Grails, Scala, Kafka, ActiveMQ, JDBC, Spring, Lucene, AWS and other cloud-native services
- Linux, PHP, Python, C, Apache, Docker, Memcached, Git, SVN, Shell Scripts & other *nix tools
- Data Stores: schema design, replication, optimization, maintenance. Expert level: MySQL, MongoDB. Some experience: Oracle, PostgreSQL, ElasticSearch/Solr, Cassandra
- Front end: Javascript, JQuery, Angular, Vue.js, YUI, AJAX, HTML, XML, CSS
- Commended for ability to communicate clearly and effectively, both oral and written

WORK HISTORY

Senior Software Engineer, Dell EMC

Irvine, CA — August 2021 - February 2023

- Recreated legacy services as optimized reactive microservices
- Seamlessly migrated enterprise management tool built to be deployed to various environments including private onsite networks, proprietary appliances, cloud environments
- Technology used: JDK 17, Sprint-Boot 3.0, Spring 6.0, Docker 20.10, Maven 3.8, Jenkins 2

Senior Software Engineer, Allied Universal

Anaheim, CA — June 2021 - Sept 2021

- Re-architected monolithic application into Spring-boot based microservices to integrate with newly developed AI & NLP services
- Worked with junior developers to re-create backend while supporting live clients
- Technology used: JDK 11, Sprint-Boot 2.5, Spring 5.3, Kubernetes 1.22, Gradle 7, GitLab, AWS

Senior Software Engineer, USAA

Remote — February 2021 - May 2021

- Data model refactoring and application integrity
- Worked with team of senior engineers to update data flows from legacy applications to new microservice-based architecture
- Technology used: JDK 8, Sprint-Boot 2.5, Spring 5.3, Gradle 6.8, GitLab

Senior Software Engineer, mGage

Downtown Los Angeles, CA — March 2020 - July 2020

- Supported business critical system for managing ad campaigns to millions of users
- Worked with team of senior engineers to revamp legacy JBoss/WildFly based web application
- Technology used: JDK 8, Wildfly 17, JSF, Hibernate 5, Maven 3.3, Oracle 18, JMS, Jenkins

Senior Software Engineer, Idemia NSS

Long Beach, CA — July 2019 - December 2019

- Building services to support access control system
- Work with one other engineer to build central services to communicate between device

managers, web clients, and access control systems
- Technology used: JDK 8, Spring-Boot 2.1, Spring Framework 5.2, Hibernate 5, Maven 3.6, Postgres 11.1, RabbitMQ, Docker, Jenkins, JIRA, Bitbucket

Senior Software Engineer, Principal Development Group Consulting
Downtown Los Angeles/Culver City, CA — March 2018 - June 2019
- Supported complex enterprise application that tracked billions of dollars in revenue from Sony Pictures Entertainment's films and television shows
- Developed reactive support fixes, analyzed application performance and prioritized release schedule with Sony's business units and DevOps team
- Technologies used: JDK 8, JBOSS 6.4, JSF 2.3, Hibernate 5, Maven 3.5, Oracle 11g, Spring Framework 5, ActiveMQ, JQuery, Angular 6, Vue.js, Kibana, Jenkins, JIRA, Github, Linux
- Coordinated tasks between on-site and offshore teams
- Mentored junior engineers while reviewing code and designs

Senior Software Engineer, Chimpchange.me
Hollywood, CA — August 2016 - September 2017
- Back end engineer
- Worked with a small team of senior engineers to rebuild backend into scalable and secure distributed microservices for finetech company
- Technologies used: Scala 2.11, Scalaz, Sbt/ScalaTest, HTTP4S, ElasticSearch 6.1, Cassandra 3, Kafka 1.0, AWS, JIRA, BitBucket, Linux
- Worked directly under Director of Technology and with DevOps team on development, deployment and maintenance processes

Senior Software Engineer, Aspiration.com
Marina del Rey, CA — December 2015 - June 2016
- Back end engineer
- Worked with talented engineering team building features for a startup fintech company
- Built robust and secure real time web services for financial products.
- Worked directly with Director of Technology and Director of Product as well as with engineering teams of partner banks and investment firms.
- Technology used: JDK 8, Groovy/Grails, Spring MVC, Gradle, Postgres, RabbitMQ, AWS, Jenkins, Git

Senior Software Engineer, Trippy.com
El Segundo, CA — October 2013 - November 2015
- Full stack developer
- Completed critical projects with 2 other talented developers
- Participated in all phases of software: Design, Implementation, Testing, Monitoring, Maintenance, Debugging, Benchmarking, Code Reviews
- Worked directly with CTO and CEO to create feature rich Question & Answer platform for travel community
- Technology used: JDK 7-8, Spring MVC, ActiveMQ, Solr, Maven, JQuery, YUI, Jenkins, SVN, AWS, Linux

Senior Software Engineer/Team Lead, VirtualTourist.com
Manhattan Beach, CA — December 2002 - December 2010
- Full stack developer
- Led critical projects with small engineering team delivering quick turnaround times
- Participated in all phases of software development

- Technology used: JDK 5-7, Servlets, Jetty 4-7, MySQL 4-5, Ant, JQuery, SVN, Linux
- Worked directly with CTO, Director of Technology, Product Managers
- Helped transition tech team leadership after Expedia buyout

Independent Contractor, Various Organizations
1997-2001, 2012 — Full Stack Dev, Database Admin, Website design and maintenance

TOOLS & LANGUAGES

- Java: 20+ years. From Java 1.2 to Java 1.17. OOD, Design Patterns, Concurrency, Connection pools, Servlets, Ant, JUnit, Understanding of memory model
- J2EE Servlets: 10 years. Specifications 2.2, 2.4 and 3.0. Jetty versions 4 to 6. Tomcat versions 6,7. Configuring deployment descriptors and front end connectors, Spring MVC, Spring Microservices, Load balancing, Inspecting running code
- MongoDB 2.8. ORM with Spring Data and Morphia
- MySQL 4.0, 4.1 and 5.0: Schema & index design, Replication, Backup and restore policy, Stored procedures.
- Oracle 11.2: Schema and index maintenance, performance analysis, stored procedures
- Frontend: HTML 4: 6 years. HTML 5: 3 years. Javascript: 15 years. JQuery: 5 years. Angular 1 year, Vue.js 1 year, YUI 2 years. AJAX: 5 years. XML: 6 years
- Developed in *nix environments: 20+ years. Ubuntu(5 years), Red Hat/Fedora(6 years), Mac OS(5 years), BSD, SuSe, Docker(6 years). Shell scripts, Scheduled jobs, Server maintenance & monitoring, NFS and other NAS environments for applications. Deployment and build scripts, Apache configuration
- Source Control: Git, SVN
- Scala: 2 years. Version 2.11. Purely Functional Programming, Scalaz, HTTP4S, Circe.
- PHP: 7 years. Versions 4.4 - 5.3. File generators, Frontend templating, WordPress plugins
- Groovy/Grails: 2 years. Versions 1.3, 2.0
- Python: 2 years. Versions 2.2-7

EDUCATION

UC Berkeley — 1995-1997, 1999-2002
Electrical Engineering & Computer Science

OTHER ACTIVITIES

- Volunteering / Nonprofit Organizations
  - **Wilson High School Tech Advisory board**—Jan 2022-present
    Present what work life will be like for software engineers. Provide feedback on student projects
  - **Sierra Club Angeles Chapter** —Feb 2020-present
    Local park clean ups, website publication systems, & social media creation
  - **Be The Cause** — April 2012-Jan 2020
    Board Member. Creating volunteer opportunities in local communities
  - **The Tiyya Foundation** — Board member June 2011-March 2015
    Board Member. Providing basic necessities to refugee families
  - Volunteered with homeless population in Los Angeles and orphanage in El Porvenir, Baja

California
- Traveling, writing, hiking, running, playing basketball

REFERENCES
Available upon request