Terrence Curran

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Summary

Software architect experienced in building, organizing, and managing geographically distributed teams. I am seeking a role architecting and leading teams developing complex middleware applications.

Experience

KBS / Surge - 2017 - present

Team lead building enterprise middleware responsible for hiring, onboarding, time tracking, and field data entry. Designed and implemented micro-service architecture to integrate Netsuite, Kronos, and Freshservice.

Google Creative Labs / Siberia - 2020

Restor.eco - Development of public database and research tool with Crowther Lab at ETH Zurich.

Google Creative Labs / Stink Studios - 2019

StoneWall Forever - Built back-end CMS, publishing system, and API to support the Stonewall Forever mobile and web applications.

Google IO Sink the Ship Game - Built a game for a Google IO tradeshow booth.

Scholastic Corp. - 2013 - 2016

International Architect

Led multiple teams of globally distributed developers.

Architected an educational technology delivery platform, portal applications, three new ed-tech products, and integrated new & legacy systems.

Migrated International SaaS hosting from 3 data centers to AWS, Peer1 Cloud, and Sinnet/AWS China

Designed and implemented CI/CD implementation with auto builds, static code analysis, tracked code reviews, integration testing, and prod deployment.

Implemented Scaled Agile/SAFe methodology across all teams

Additional Experience - (selections)

2010 - 2012 - Pfizer/EMD Serono
2009 - Coke Zero Facial Profiler
1999 - on the team that launched the web's first digital download music service

Key Skills

Deep technical knowledge of many software stacks

Remote team leadership and mentoring

Ability to bridge the language divide between business and technical teams

Technical Proficiencies

Programming Languages:
C++, Dart, Java, JavaScript, Objective C, Python, Ruby, SQL, Scala, Typescript

Application Frameworks:
Jakarta EE, Quarkus, Ruby on Rails, Node.js, Spring Boot

Front-end Frameworks:
Angular, Flutter, React, Vue.js

DevOps:
Ansible, CircleCi, GitHub Actions, Google Code Build, AWS Code Pipeline, Jenkins, Serverless, Terraform

Application Servers:
Glassfish, Jetty, JBoss / Wildfly, Resin, Tomcat, Websphere

Virtualization/Orchestration:
AWS ECS/Fargate, Docker, Google Cloud Run, Kubernetes, OpenShift

Data Streaming / Messaging:
ActiveMQ, gRPC, RabbitMQ, Google Pub/Sub, Kafka, Protocol Buffers

Databases:
Athena, Cassandra, Elasticsearch, DynamoDb, Firebase/Firestore, Microsoft SQL Server, MongoDB, MySQL, Oracle, PostgreSQL, Redis, Redshift

Observability:
AppDynamics, DynaTrace, DataDog, Honeycomb, Kibana, OpenTelemetry, New Relic

Testing:
Arquillian, Cucumber, Gatling, Ghost Inspector, JMeter, Locust