15615 29th Dr SE Mill Creek WA - 98012	**NARENDRAN KANAGARAJ**	+1 206 899 7491 narendrankanagaraj@ymail.com

EXECUTIVE SUMMARY

Software Engineer with 13+ years of experience architecting and delivering large-scale distributed systems. Demonstrated track record of driving technical excellence across organizations and reducing operational costs. Strong expertise in cloud architecture, performance optimization, and building developer platforms that scale.

EMPLOYMENT

Senior SDE	Amazon/AWS	Apr 2015 - Present

- Proposed, prototyped, and led cross-team migration to Quarkus and GraalVM native binary, achieving 70% memory reduction and 95% startup time improvement for Monitoring agents across Database services.
- Spearheaded ElastiCache monitoring system enhancement, elevating service availability from 99.9% to 99.99% through improved recovery mechanisms and SLA calculations
- Architected and implemented Serverless ElastiCache Failover service, significantly improving write availability during failover events.
- Orchestrated migration of Kindle bookstore pages to new rendering platform, achieving 10% latency reduction.
- Designed and launched Kindle bookstore integration with Alexa, including 'Borrow from Kindle Unlimited/Prime' feature, generating over 1M customer borrows.
- Developed federated deployment solution that decoupled services from monolithic release pipeline, enabling independent team deployments and reducing prod deployment time from 1 week to 1 day.
- Created AWS CDK-based setup solution and CLI automation tool used across Kindle bookstore teams, enabling automated infrastructure generation and reducing setup time from 2 weeks to 1 hour.

Senior Software Engineer	Pramata Knowledge Solutions	Dec 2013 - Apr 2015

- Implemented a rule engine for auto-assignment of documents to legal team members based on configured rules eliminating tedious manual assignment.
- Implemented a system to auto-compute legal document attributes based on user configured expressions and conditions.
- Implemented background job system with scheduling capabilities based on cron to run time-consuming async tasks.
- Engineered ML-powered legal document processing system using WEKA and Random Forest, achieving 80% precision and 90% recall in title extraction significantly reducing manual effort.

Consultant	Model N	Aug 2011 – Dec 2013

- Lead Model N product customizations for clients Merck and Novo Nordisk.
- Developed EDI 867 document generation system for product transfers and sales reporting

EDUCATION

Madurai, India	Thiagarajar College of Engineering	Aug 2007 – Apr 2011

- Bachelor of Technology (Information Technology) GPA: 8.2/10

LANGUAGES AND TECHNOLOGIES

- Languages: Java, Python, Ruby, JavaScript, SQL
- Cloud: AWS (extensive experience across compute, storage, database, serverless, and deployment services)
- Frameworks: Spring, Quarkus, Ruby on Rails
- Version Control: Git, SVN