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SUMMARY:

- 14+ years of experience in hands-on development of enterprise applications using Java and cognate technologies.
- Developed highly scalable micro-service architectures on multiple cloud platforms.
- Built highly performant applications using streaming data backbone and reactive frameworks – scaled applications from 2000 tps to 12000 tps/node.
- Delivered Projects/MVPs with tight deadlines on-time to stake-holders consistently with a focus on customer satisfaction.
- Incorporated Behavior Driven Development (BDD) methodologies into projects to deliver high-quality code that facilitates continuous refactoring.
- Co-ordinated with Ops/Front-end/Business teams for smooth hand-offs and shipping new application features.
- Proficient at understanding and using design patterns.
- Developed High throughput Data Pipelines using Distributed Middleware – Apache Kafka.
- Developed applications using NoSQL Distributed Databases like Cassandra and Scylla at scale.

WORK EXPERIENCE:

- Working as Software Development Engineer II at **Amazon (October 2020 – Current)**.
- Worked at **Softtech International Resources Inc (Clients: Starbucks, Nordstrom, T-Mobile, FedEx)** as hands-on Architect (March 2016 – Sept 2020)
- Worked at **CA Technologies**, as Senior Software Engineer (June 2015 – Feb 2016).
- Worked at **Wave Crest Holdings Limited**, as Senior Software Engineer (Dec 2013 – June 2015).
- Worked at **Pegasystems Inc.**, as Senior Software Engineer on PRPC (6.2) (June 2012 – Sept 2013).
- Worked at **Kony Labs**, as Senior Software Engineer on Kony Platform. (August 2011 – May 2012).
- Worked at **Dell**, as Core Java/J2EE Developer. (June 2007 – Feb 2011).

EDUCATION:

B.E (Computer Science) from Chaitanya Bharathi Institute of Technology, affiliated to Osmania University, Hyderabad, India.

HIGHLIGHTS AND ACHIEVEMENTS INCLUDE:

- Data streaming using reactive applications in Kotlin/Micronaut for Starbucks.
- Contribution to T-Mobile's opensource effort - <https://github.com/tmobile/pacbot>
- Developed highly performant key microservices from scratch in the Payment Modernization Project at Nordstrom which handles a revenue of \$15 Billion/year.
- Developed Fedex's next generation Last-mile delivery solution – cloud adoption pilot project.
- Developed Pivotal Cloud Foundry reference applications using Netflix OSS.

PROJECTS:

- **Amazon**
 - ❖ **Project: Alexa Orchestrator**
Alexa Orchestrator is the core engine that runs Alexa - orchestrating the requests and interfacing with various dependent systems.

Responsibilities:

- Working on confidential greenfield projects in Alexa that span building a platform for next generation customer facing services.
- Involve in Project Scoping/Technical Proposals/Design/Development of projects.
- Build and maintain high complexity platform deployed on Native AWS stack.
- Mentor engineers/teams.

▪ Starbucks**❖ Project: Platform Team - Retail Engineering**

The Retail Engineering team handles data streams interfacing with multitude of systems within Starbucks. The applications are built using Domain driven design ideology and reactive frameworks

Responsibilities:

- Ensure artifacts built using Micronaut/Kotlin framework are horizontally scalable and resilient.
- Build applications that interface with Kafka and variety of databases – SQL/NOSQL
- Mentor engineers

▪ T-Mobile**❖ Project: PacBot**

Policy as Code Bot (PacBot) is a platform for continuous compliance monitoring, compliance reporting and security automation for the cloud. <https://github.com/tmobile/pacbot>

Responsibilities:

- Ensure artifacts built using Spring boot are horizontally scalable and resilient.
- Own/develop TSlack, TAuditor.
- Write Rules in PacBot for AWS services.
- Mentor and help developers on the team by addressing technology concerns that are blocking the team.

Skills:

Spring Boot/REST/MVC, Elastic Search, AWS/Kinesis, Test Driven Development, Git

❖ Project: Identity and Fraud Management Platform

IDFM project focuses on using information from customer hub to validate correctness of user data using an adapter pattern and contacting multiple systems.

Responsibilities:

- Develop code artifacts using Spring-Cloud components and Netflix OSS
- Ensure artifacts built using Spring boot are horizontally scalable and resilient.
- Ensure the business logic is well tested using BDD approach
- Develop components consuming data from Deep.IO, which enables processing data as stream with multiple consumers
- Mentor and help developers on the team by addressing technology concerns that are blocking the team.

Skills:

Spring Boot/REST/MVC, Test Driven Development, Git, Apache Kafka, Pivotal Cloud Foundry, Jenkins, Netflix OSS - Ribbon, Hystrix, Eureka

▪ Nordstrom**❖ Project: Payments Modernization**

Payments modernization project focuses on converting existing payments infrastructure into a unified, modernized, cloud-based payments platform for Nordstrom.

Responsibilities:

- Design and maintain the model for the payments modernization effort.
- Work with Principal Developer/Devops teams to setup and maintain Spring-Cloud and Netflix oss components across environments.
- Work with technology and business teams to deliver code artifacts.
- Ensure artifacts built using Spring boot are horizontally scalable and resilient.
- Mentor and help developers on the team by addressing technology concerns that are blocking the team.
- POCs for integrating with Vantiv for their RAFT610 payments gateway.
- Currency Exchange rate service

Skills:

Spring Boot/ Data/REST/MVC, Test Driven Development, Spring-Cloud-Stream, Apache-Kafka, Netflix – Hystrix, Kinesis, Kubernetes on AWS, Jenkins, Git, OrientDB/ArangoDB, Vantiv RAFT 610, Redis

▪ **FedEx**

❖ **Project: LastMile – Same Day City**

LastMile project for FedEx provides capability to notify package tracking information via Email/Push/SMS channels. The FedEx Android and IOS applications enable live shipment tracking in Map view with In-Your-Area/Next-Stop notifications.

Responsibilities:

- Design and develop components on Pivotal Cloud Foundry platform from scratch using a BDD/TDD approach.
- Lead micro services team on-shore as well as off-shore to deliver code artifacts.
- Groom requirements with product-owner/business analysts.
- Work with the Technical Architect to understand and implement the design.
- Mentor engineers
- Ensure good design and coding standards are maintained through code reviews and design discussions.

Skills:

Highly Scalable Java/Web Services, Pivotal Cloud Foundry/BOSH/OpenStack/XenServer, Spring AMQP/Ribbon Client/Netflix API/WebHook/Eureka/Service Discovery/Sleuth/Hystrix/Conductor, Redis/RabbitMQ on Cloud Foundry, Spring-Boot/Data/ REST, Gradle/Maven, Git/Git-flow, SCRUM, Test Driven Development, Concourse - Continuous Integration, MongoDB

Previous Projects:

https://github.com/pavankumarchaitanya/Resume/blob/master/Pavan_Kumar_Landa_CV.docx