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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 ***Softech 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**](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>