**Preetam Sarnaik**

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**Technical Proficiencies**

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| ***Languages:*** | Java, Unix shell scripting, JavaScript, Golang |
| ***Environment/Stack****:* | OS (Linux, Windows), LAMP, Web Services (SOAP, RESTful), JAX-RS, JMS, MS-SQL Server, JMX, Struts1.1, Spring Framework (currently using Spring-core, Spring-Data, Spring-content). |
| ***Other****:* | OOAD, Design Patterns, MVC, Microservices, AWS Lambda/EC2/CloudWatch/S3, etc., Maven, Gradle, MySQL, Tomcat 8, jQuery, Network Analysis (tcpdump), Jenkins, Bamboo, Hibernate, JUnit, TestNG, GNU tools, SonarQube, Eclipse, IntelliJ, Subversion, Gitlab, Kubernetes, Serverless, Agile Scrum methodologies, Technical team leadership, machine learning |

**Professional Experience**

Nordstrom Inc, Seattle, WA

**Sr Engineer** (06/2018 – present)

Responsible for designing, implementing solutions, and microservices for engineering authentication platform (customer authentication) using Java, Golang, Kubernetes, and AWS frameworks such as Lambda, cloud watch, API Gateway, S3, Cognito, Kafka, and DynamoDb.

Key Achievements:

* Containerized using Docker and migrated Customer authentication services from bitbucket to GitLab building CI pipelines that saved 40% of infrastructure cost to the engineering platform - authentication.
* Researched OIDC open-source Identity Providers Apache Syncope and Keycloak. Presented findings to Sr. Director and the team as a part of the IDP replacement initiative. Both of the open-source software got selected for Proof of concept building.
* Led a crucial 60% infrastructure cost-saving initiative of data migration from legacy Microsoft SQL Server databases to dynamo DB.
* Delivered several experiments as an initiative to increase successful account creations. The initiative showed a 30% increase in account creations.
* Added CCPA services to our suite to make Nordstrom CCPA compliant.
* Designed and built services using NodeJS and serverless to support MFA flow.
* Actively participating in hiring, onboarding/coaching interns, and E1 engineers.

AIM Consulting – REI, Bellevue, WA

**Sr. Software Engineer** (09/2017 – 06/2018)

sinclair digital – sinclair broadcasting group, Seattle, WA

**Software Engineering Manager** (09/2016 – 09/2017)

Responsible for hiring and onboarding, mentoring engineers, driving product backlog with product and program managers, architecting features, and platform improvements.

*Key Achievements:*

* Led a team of 7, which converted a legacy content management system into the new platform using Java, Maven, and AWS services.
* Led a team of four to provide key APIs for news mobile app suite initiative. The mobile news apps were accountable for 35% of the total revenue of Sinclair digital.
* Led an initiative of platform tech debt removal and new API addition to supporting the Hummingbird OTT reporting platform initiative, which gave a step up in the OTT world.

Expedia Affiliate network, Bellevue, WA

**Technical Team Lead** (6/2014 – 08/2016)

Lead technical team. Responsible for building consumer payment-related features on Book and Pay Platform.

Key Achievements:

* Designed and implemented many payment-related features for Book and Pay services team using Java, JMS, JMX, MS-SQL Server.
* Responsible for architectural reviews for all the service components that were fundamental building blocks of 'Book and Pay' services.
* Coached an offshore team of six engineers on the 'Book and Pay' platform.

Hitachi Consulting (and independent), Seattle, WA

**Engineer** (8/2011 – 9/2013)

For Raytheon Corporation in Seattle, provided technical leadership by engaging with cross-functional teams, business groups, for web-based financial applications development.

*Key Achievements:*

* Developed features for procurement system using Struts 1.1 framework, Hibernate, and Oracle 8 database.

For Agilisys Inc. in Seattle, collaborated with the engineering team to create features for cloud-based PMS system (*Victors*) and legacy PMS system (*Visual One™*).

For Vertafore, Inc. in Bothell, Washington, built REST-based web service that integrated data from several services and provided APIs for invoicing.

Depotpoint, Inc., Bellevue, WA

**Engineer** (6/2005 – 7/2011)

Joined as a 4th engineer in this startup.

*Key Achievements:*

* + - Designed and implemented the TrackPoint SAS70 Type II Certified Secure Platform for web-based solutions for short-sale/real estate owned (REO) investors, driving down closing and management costs of REO properties.

**Recent Education and contributions**

**MS** University of Washington Tacoma (css), Tacoma, WA, 2005

**Associations/Volunteer experiences:** Girls who code, WTIA