

Hari Panjwani

Seattle, WA | 857.707.6049 | haricharan.panjwani@gmail.com | [linkedin.com/in/haripanjwani](https://www.linkedin.com/in/haripanjwani)

TECHNICAL SKILLS

- **Languages:** Java, Scala, Python, SQL
- **Big Data Technologies:** Hadoop, MapReduce, HDFS, HBase, MongoDB, Spark, AWS EMR, AWS SageMaker
- **AWS Technologies:** AWS DynamoDB, SQS, SNS, AWS Glue, AWS Athena, Kinesis, Lambda, API Gateway, ECS
- **Databases:** DynamoDB, MySQL, MS SQL Server 2008/2012, SQLite, DB4O
- **Framework/Platform:** Spring MVC, Hibernate, Java Spark, Swings, SOAP, RESTful Web Services, Junit
- **Data Analytics:** Clustering, Forecasting, Data Wrangling, Text Analytics, Recommendation System
- **Functional Skills:** Agile-Scrum, Web Development, Cloud Development, Data-Driven Development

PROFESSIONAL EXPERIENCE

Amazon.com (Software Development Engineer II)

Jul 2017 – Present

- Designed and developed machine learning enabled scalable and resilient services called attributes, which shows ratings by key product features, launched in Q1 2018 and has approximately 45% detail page coverage on Amazon world wide
- Developed a native AWS scalable system for vending data to partner teams for features launches and also enable product team to query the business metrics for WBR
- Enabled abusive relationship detection for One Tap Ratings (OTR) which was processing approximately 7.5MM ratings per day in US and preventing the abuse detection around 3%
- Implemented the distributed caching that helped the fraud detection service to reduce the calls to an API for 6 to 1 per request and also helped the team to descale the Elastic search cluster backing up the API, which resulted in saving approximately \$50k
- Created an API gateway service for vending attributes for the product on ReviewYourPurchase page, so that shoppers can rate them, which lead to increase in review submission rate by 2%
- Implemented chaos testing in the build pipeline to make our service resilient and automate the peak preparation which saved approximately 7 developer days every peak (twice in a year)

LifeYield, LLC (Software Engineer)

Jul 2016 – Dec 2016

- Co-developed full stack dynamic web application based on ASP.Net MVC software architecture
- Build a tool based on C# and Ranorex Studio which automated the process of web UI testing for three enterprise application
- Improved an existing iPad application with new features and re-designed the UI

Goldman Sachs (Software Engineer)

Nov 2014 – Jul 2015

- Partnered with Operations and technology Stakeholders to design application for managing the exchange and clearing fees
- Implemented the Java based application that provides better transparency and management of fees, which helped the stakeholders to track down the calculation errors, which in turn saved the business unit \$200 million every year
- Analyzed and completely automated data pipe-lining for the project to use with a data virtualization software which enabled the analysis of the entire firm's trade details and in turn lead to significant reduction of 15% in the analysis period

Oracle (Software Engineer)

Jun 2012 – Nov 2014

- Designed and developed the Spring MVC application for documentation team, which acted as a platform for technical writers and documentation managers to interact with the stored data, hence reducing the book writing time by 10%
- Coded and hosted an application for getting reports for managers and technical writers from MySQL Database, to reexamine the standards of the book to be published
- Assembled an automated tool to configure a host, which is set up for validating document standards before publishing them, thereby cutting the manual exertion and the machine setup time from 40 minutes to 6 minutes

PROJECTS: [<https://github.com/Haricharanpanjwani>]

Web Server Architecture on Cloud, Cloud Computing

Jan 2017 - Apr 2017

- Designed a HIPAA compliant Cloud architecture to host a drug monitoring application via using AWS services such as Elastic Load Balancer, Auto Scaling Groups, RDS, S3, IAM, KMS, CloudFront and CloudWatch

Forensic System to Counteract Drug Counterfeit, Web Application Development

Jan 2016 – Apr 2016

- Designed a web based global surveillance system to fight drug counterfeit in Spring MVC framework and Hibernate ORM

Yelp Dataset Challenge, Advance Data Science

May 2016 - Aug 2016

- Predicted new business ratings with an accuracy of 86% using Boosted Decision Tree Algorithm & Microsoft Azure ML Studio
- Created a recommendation engine (Content & Collaborative) based on user activities using R and Azure ML

IOT based Rural Healthcare Monitoring, Application Engineering Development

Sep 2015 – Dec 2015

- Devised live time tracking of patient's vital signs application for doctors in Java as a unique IoT concept
- Incorporated an Ecosystem Logical Model with a Singleton design pattern using Object Oriented approach

EDUCATION

Northeastern University, Boston, MA *Master of Science in Information System*

Sep 2015 - Apr 2017

Vellore Institute of Technology, Vellore, India *Bachelor of Technology in Information Technology*

Jul 2008 - May 2012