

Rohan Honwade

OBJECTIVE

Looking for Full-Time opportunities in Big Data, Backend, Full Stack Application development

WORK EXPERIENCE

JULY 2015 – PRESENT

Oracle, Seattle, USA

Senior Software Engineer

Led design of data-flow pipelines & wrote Apache Spark jobs to process data using probabilistic data structures such as Theta Sketch. This was stored in a distributed datastore - Apache Cassandra.

Co-designed & developed in-memory data grid using Apache Ignite to store and retrieve data for sub-second latency queries.

Developed Java applications using Spring boot framework. Dockerized deployment in AWS Elastic Container Service, Kubernetes

Developed & designed a data ingest application using Scala, Akka Actors to insert into Apache Kafka.
Result - Application in controlled availability mode for 4 customers

Data Analysis for Product Managers using Apache Zeppelin on an AWS Elastic Map Reduce cluster with Apache Spark

Built a React dashboard to show cluster and cache details. Redux for state management

Setup monitoring stack using Prometheus for capturing time series metrics, created Grafana dashboards and alerts for tracking cluster health

Well versed with AWS services such as EC2, S3, EMR, ECS, Fargate, Route 53, Kinesis

MAY 2014 – AUGUST 2014

Amazon.com, Seattle, USA

Software Development Engineer Intern

Developed a Spring based Java microservice to provide the top 10 products bought by customers. Implemented Factory, Singleton design patterns

APRIL 2011 – JULY 2013

Oracle, Bangalore, India

Senior Member of Technical Staff

Wrapper around Selenium framework for user interface automation. Used Page Object design pattern.

Result - Saved 90 hours of manual effort per release. Increase in automation from 0 to around 90%

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JULY 2009 – MARCH 2011

Misys PLC, Bangalore, India

Software Engineer

Java application to enforce coding standards upon file save.

Result - Attached as a pre-commit hook in Subversion. Used by more than 150 developers

Source code refactoring Java application. Made batch mode changes to 1500 files.

Result - Saved 95% of manual effort. New tool creation time reduced by 50% using generic templates

PERSONAL PROJECTS

Developed a data streaming application to analyze Seattle's parking meter data using Apache Flink and display insights using Elasticsearch / Kibana

EDUCATION

AUG 2013 - MAY 2015

Carnegie Mellon University

Master of Science in Information Technology
CIT, Pittsburgh, PA - Silicon Valley, CA, USA
GPA - 3.65

Select coursework - Machine Learning, Software Engineering, Mobile and Pervasive Computing Services

JULY 2005 - JUNE 2009

RV College of Engineering

Bachelor of Engineering in Computer Science
Visvesvaraya Technological University, India
GPA - 71/100

Select coursework - Algorithm Design and Analysis, Data Structures, Database Systems, Java

SOFTWARE SKILLS

PROFICIENT Spark, Scala, Akka, Java, Apache Ignite, Docker, AWS services

INTERMEDIATE Spring, Cassandra, Kafka, JavaScript, React, Kubernetes, Ansible, MySQL

BASIC LEVEL Machine Learning, Matlab, R, C++, C, Airflow