

# Rohan Honwade

## OBJECTIVE

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

## WORK EXPERIENCE

JULY 2015 – PRESENT

### Oracle, Seattle, USA

Senior Software Engineer

Co-designed & developed an Apache Ignite application to store and retrieve data in sub-second latency.

Developed & designed a data ingest application using Scala, Akka Actors to insert into Apache Kafka.

**Result** - Application in controlled availability mode for 4 customers

Well versed with AWS Elastic Container Service for Dockerized deployment of Ignite cluster & API

**Result** - Successfully delivered application in alpha mode

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

Created chef recipes for cluster nodes, MySQL database setup

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.

Developed a Perl Mason based UI widget for the Amazon home page to consume this service

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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Single point of contact for product feature. Spotted security vulnerabilities.

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

## 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 Scala, Akka, Java, Apache Ignite, Docker

INTERMEDIATE Cassandra, Kafka, AWS ECS, AWS EMR, Spark, JavaScript, React, Spring, Android, Unix, Shell scripting, MySQL, Git

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