

Rohan Honwade

OBJECTIVE

Looking for Full-Time opportunities in areas such as Full Stack / Backend Application development, Machine Learning, Tool development

WORK EXPERIENCE

MAY 2014 – AUGUST 2014

Amazon.com, Seattle, USA

Software Development Engineer Intern

Developed a Spring based Java web service using Service Oriented Architecture to provide the top 10 products bought by customers. Implemented Factory, Singleton design patterns.

Also developed a 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%

Single point of contact for product feature. Spotted security vulnerabilities. Worked in an Agile methodology driven environment.

JULY 2009 – MARCH 2011

Misys PLC, Bangalore, India

Software Engineer

Java application to enforce coding standards upon file save. Used Factory design pattern.

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

Web application using JSP, Hibernate and Servlets to maintain metadata and relationship details of source code files.

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

SOFTWARE SKILLS

PROFICIENT	Core Java
INTERMEDIATE	Spring, Hibernate, JSP, Servlets, Machine Learning, Android, MySQL, Google App Engine, PHP, C++, C, Ruby, JavaScript, Unix, Shell scripting
BASIC LEVEL	Python, Matlab, CloudSim, R

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PROJECTS

- **Machine Learning driven cloud workload usage prediction**
Prediction of resource usage of NFV applications deployed in cloud containers using past performance data
- **Service placement in cloud using Machine Learning**
Effective placement of computation in a network for optimal usage of resources. Developed fitness function used for Genetic Algorithm
- **Android app for deal notification**
Connecting shops with users for location aware user preferred deals
Won a \$1000 **Best Project Award** out of 20 teams, from School of Computer Science, CMU
- **Article recommending website**
Ruby on Rails website to recommend new articles to readers
- **Online shopping website (BestBay)**
Buy, Sell and Auction items. Developed in Ruby on Rails
- **Steganography Using Sudoku Puzzle**
Sudoku puzzles used as keys to hide data in images. **Best Research Paper Award**

EDUCATION

EXPECTED-MAY 2015

Carnegie Mellon University

Master of Science in Information Technology
CIT, Pittsburgh, PA - Silicon Valley, CA, USA
GPA - 3.71

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

JUNE 2005 - JULY 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