

SURENDRA SIRVI

CONTACT INFORMATION

e-mail: ssirvi88@gmail.com
Phone: +91 8971295035

WORK EXPERIENCE

Software Development Engineer, April 2012 - Present

Amazon Development Center

1. Working with Amazon local services team from April 2014

- Developed and integrated preference based scheduling of appointments for customers
- Developed service details providers listing widget to support customized service requests
- Created AWS pipelines to backup dynamoDB in S3 and coded ruby scripts for feeding data into data warehousing platform

Technologies: Java, Spring, JSP, jQuery, javascript, html, css, Ruby, AWS dynamoDB, EMR, hive scripting, S3, junit, mockito

2. Worked in reverse-logistics function of ecommerce business from April 2012 to April 2014 as a part of which developed scalable applications used by warehouse associates for processing and grading customer returned products arriving at fulfillment center facilities to save overall cost. Visited Amazon US warehouses for requirement gathering and found pain-points with the existing application. Based on this experience, re-architected Returns software stack to split returns processing by functions receive, grading and refurbishment

- Designed and developed Receive application frontend UI, entity object model for capturing receive scans for returning packages
- Designed and developed Refurbishment application end-to-end for refurbishing returned products
- Developed backend APIs for virtual reconciliation of returned physical products with the product sold to customer online
- Upgraded existing RoR Returns website to Rails 3.2
- Awarded with Amazon's Operational Excellence award

Technologies: Ruby on Rails, Java, Spring, JSP, C++

Development Engineer, June 2011 - Jan 2012

Pramati Technologies

1. Worked with Pramati's Qontext product, a collaboration and social platform for the enterprise

- Developed document conversion platform supporting flash based viewer for social networking enterprise product Qontext
- Developed reply-by-email feature to retweet and reply on other posts in Qontext
- Designed and developed frontend UI webpages for Qontext

Technologies: Core Java, junit, AWS products SES, S3

EDUCATION

Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT),
Gandhinagar, Gujarat, India

Bachelor of Technology (B.Tech), Information and Communication Technology (ICT), May 2011,
GPA: 8.62/10.0

Kendriya Vidyalaya BSF, Jodhpur, Rajasthan, India

All India Senior School Certificate Examination (AISSCE), Std XII, May 2005,
GPA: 75.2%

Central Academy, Jodhpur, Rajasthan, India
Board of Secondary Education, Rajasthan (BSER), Std X, May 2003,
GPA: 84.83%

PROJECTS

Query Expansion for Weak queries **Jan - April 2011**

Mentor: Dr. Prasenjit Majumder, *DA-IICT*

The project aimed at improving the efficiency of ad-hoc information retrieval with query expansion based techniques. We used Wikipedia, web as an external corpus to expand the queries and combined the retrievals using data fusion. This improved the average precision of weak queries.

Internship

May - July 2009

MILLEE (Mobile and Immersive Learning for Literacy in Emerging Economies)

url: www.millee.edu

Mentor: Dr. Matthew Kam, Carnegie Mellon University

As a part of project MILLEE programmed some libraries for m-learning games on J2ME enabled devices.

Discrete event simulation of Inventory Model

Feb - Mar 2010

Mentor: Prof. Jaideep Mulherkar, *DA-IICT*

It involved simulation of an Inventory Model using MATLAB for estimating a shop's mean monthly profit and cost up to some fixed time in which customers arrive according to a poisson process.

WORKSHOPS
ATTENDED

[1] Optimizing Performance of Parallel Programs on Emerging Multi-Core Processors and GPUs (OPECG-2009), Venue: Indian Institute of Technology Madras, May 1-5 2009, Chennai, India.

TECHNICAL
SKILLS

Programming Languages: Java, RoR, C++, Spring, SQL Tools: Eclipse IDE

PERSONAL
ACHIEVEMENTS

- Secured 27th rank (combined online onsite) out of 57 teams in 2009 ACM ICPC Regional Contest at Asia Amritapuri site

DECLARATION

I, **Surendra Sirvi**, hereby declare that the above information is correct to the best of my knowledge.