Rajesh Shetty

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EDUCATION

ROCHESTER INST. OF TECH.
Masters in Computer Science
Expected Dec 2016 | Rochester, NY
Cum. GPA: 3.5

UNIVERSITY OF MUMBAI
BE in Computer Engineering
July 2008 | Mumbai, India
Concentration in Software Engineering

LINKS

Github.com/maddy87
LinkedIn.com/in/rajeshetty87

COURSEWORK

GRADUATE
Distributed Systems
Big Data Analytics
Computer Networks
Pervasive Systems
Algorithms
Advanced Java And Program Design

UNDERGRADUATE
Computer Networks
Operating Systems
Database Management Systems
Digital Signal & Image Processing
Computer Graphics

SKILLS

Programming Languages:
Java • Python • C
DevOps Tools:
Docker • Chef • Packer • Splunk
AWS Services:
Lambda • DynamoDB • S3 • IoT
Web Dev Frameworks:
AngularJS • Polymer
Source Code Management:
Stash• GitLab
Application Servers:
Weblogic• Tomcat • OAS
Web Servers:
IIS 6/7/7.5 • NGINX
Database Technologies:
MySQL • Cassandra
Operating Systems:
Ubuntu • AIX 6.3

EXPERIENCE

CHARTER COMMUNICATIONS | Software Engineering Intern
Summer 2016 | Fall 2015 | Denver, Colorado
- Created Docker Microservice provisioning using Jenkins, Packer & Ansible.
- Optimized Docker containers using minimalistic Linux distributions like Alpine
- Developed and event driven framework for Reporting using AWS Lambda.
- Wrote Chef recipies for configuration management & deployment.
- Developed recursive workflow management tool using Spotify's Luigi.
- Dockerizing microservices by building containers of Tomcat and Cassandra.
- Configured Grafana and InfluxDB stack for visual monitoring of microservices.
- Created Splunk Indexes for logs aggregation and analytics.

ASTRAZENECA - INFOSYS CLIENT | App Hosting Services Lead
Jan 2012 – July 2014 | Macclesfied, UK | Pune, India
- Mentored and Led team of 10 Middleware professionals to serve migration of Hosting Services in EMEA region.
- Implemented migration solutions with 'zero' downtime or impact to business and 'like-to-like' target achievement by 100%.
- Re- designed architecture of critical applications by eliminating single point of failure and achieving 99% fault tolerance.

INFOSYS LTD. | Associate Solution Builder
Nov 2008 – Dec 2011 | Pune, India
- Configured hosting services for J2EE apps on UNIX, resilient enough to ensure minimal impact on BAU (Business as Usual).
- Worked on migration project to migrate AMEX card members from different based points and performed problem management on Finacle Banking Solution.

ACADEMIC PROJECTS

IQDEP Integrated query, data and event processing for IoT | Fall 2016
Working on extending the iQdep framework to push jobs on Apache Spark.

MESHED TREE PROTOCOL Fall 2016 | Rochester, NY
Implementing a novel Meshed Tree Protocol in C for effective loop avoidance.

SYNC VIDEO VIEWING Spring 2016 | Rochester, NY
Made a clone of Netflix Showgoers plugin for YouTube using Firebase, HTML5.

NYC VEHICLE COLLISION ANALYSIS Spring 2016 | Rochester, NY
Found the most dangerous intersection in NYC based on data from 2012-2016

EVALDROID Summer 2016 | Denver Colorado
Created an expert system for Android using Amazon Mobile Hub & AWS Lambda.

AIRLINE ON-TIME PERFORMANCE Spring 2015 | Rochester, NY
Analyzed more than 7 million observations of the delay in Airlines to provide predictive analysis of Airlines On-Time Performance.

AWARDS

2013   Awarded the prestigious PRIMA Award for Excellence in Project Execution.
2012   Lead of EMEA : Project Emerald that won Infrastructure Project of the Year– 2012.
2012   Awarded MVP for superior performance by delivering automated solutions.