

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 • Packer • Splunk • Chef

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 recipes for configuration management & deployment.
- Developed recursive work-flow 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 | Macclesfield, 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 the 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 for AMEX migration project to transfer card members data across regions and performed problem management on Finacle Banking Solution.

ACADEMIC PROJECTS

BANKING ON AMAZON ALEXA | Banking Skill on Alexa | Fall 2016

Created an Alexa skill perform banking using voice commands, used Microsoft Cognitive Speaker Recognition API for authenticating users.

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.

AWARDS

- 2016 Honorable Mention from Microsoft at BigRedHacks for 'Innovative App'.
- 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.