

AMITA EKBOTE

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Summary

Distributed systems engineer with 10 years experience delivering self-serve infrastructure platforms. Passionate about delivering value to customers and finding the right intersection of customer and business needs. Proven track record of strong collaboration with cross org teams to deliver results. Experience with being on call for tier 1 services on AWS.

Skills

Golang, Java, Python, AWS, Docker, Kubernetes, CI/CD tools.

Experience

Sr Software Engineer, Netflix

Jul 2018 – Present

- Singularly responsible to keep a pulse on key customers/partners and communicate these product needs and relationship health to both product management and EM leadership.
- Handled first level five minute on-call supporting all Netflix businesses
- Design and development of the Control plane for container platform at Netflix. (Titus-Mesos/kubernetes on Amazon EC2)
- Delivered a job activity history service for audit and analysis of job scaling activity.
- Built a docker image metadata cache from the docker registry

Software Engineer, Mesosphere

Sept 2016 – Jul 2018

- Improved the cluster upgrade operation experience for customers.
- Built DC/OS(Mesos) services such as cluster and node checks and dcos licensing.

Software Engineer, Amazon Web Services

Aug 2013 – Aug 2016

- Added support for new linux kernels for the EC2 VM Import/Export service.
- Expand the service to newer regions and automate deployments.
- Lead the effort to reduce operations pain and focus on providing a better customer experience.

Software Engineer, Cisco Systems Inc

Jul 2010 – Aug 2013

- Worked on Catalyst 4500[®] 32 port switch linecards and VSS.

BITS Networked Systems Laboratory, Chicago, IL

May 2009 – May 2010

Research Assistant, University of Illinois at Chicago Mentor: Dr. Jacob Eriksson

- Optimized long range wireless throughput by developing a new rate adaptation algorithm.

Motorola, Schaumburg, IL

May 2008 – Aug 2008

Summer Intern

- Implemented the AV standards version 3 for UPNP protocol, used for DLNA in set top boxes.

Education

University of Illinois at Chicago, Chicago, IL

Aug 2007 – May 2010

M. S. in Computer Science.

Master's Thesis: Asymmetry Aware Rate Adaptation (AARA) algorithm .

Advisor: Dr. Jacob Eriksson.

CBIT, Osmania University, Hyderabad, India

Aug 2003 – May 2007

Bachelor of Technology, Computer Science and Engineering.

Professional Activities

Volunteered with the organization of Amazon Women in Engineering for Grace Hopper Conference 2014.

Volunteered at March of dimes, Habitat for Humanity, and Turning wheels for kids.

References available upon request.