Aniraj Kesavan
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M.S student in Computer Science with more than three years of industry experience in Distributed Storage and Workflow Schedulers, seeking full time opportunities that are challenging.

Work Experience

Graduate Research Assistant - Flux Research Group, University Of Utah (Aug 2015 - Present)

- Advised by Prof. Ryan Stutsman. Current research focuses in optimizing memory layouts for modern datacenter systems leveraging RDMA and Infiniband.
- Worked under Prof. Robert Ricci on Cloudlab and APT developing profiles for systems such as RAMCloud.

Site Reliability Engineering Intern - LinkedIn (Starting May 2016)

- Interning at the Mountain View Campus for the summer with the Site Reliability Engineering team.

R&D Engineer - Pipeline, DreamWorks Animation India (Jan 2014 – Aug 2015)

- Developed and re-engineered production pipeline for the Animation Studio. Key member in the workflow execution engine development team. Work based on flow based programming and graph theory.
- Credited as R&D Engineer for three Hollywood productions – IMDB profile.

Associate Software Engineer, Zynga India (May 2012 – November 2013)

- Developed solutions for the Storage Services team in the R&D arm of company, ZCloud Engineering formerly known as Systems Engineering Group.
- Developed and maintained the zBase, the flagship NoSQL database in use at Zynga at that time.
- Gained valuable experience in Distributed Systems, UNIX, VCS and Quality Engineering.

Software Engineering Intern, Zynga India (May 2011- July 2011)

- Developed an automation framework for membase, a famous NoSQL product, with Systems Engineering Group.

Academic Background

M.S (Computer Science)	University Of Utah, Utah, USA	3.33	
B. Tech (Computer Science and Engineering)	Govt. Model Engineering College, Cochin Cochin University of Science and Technology, India	65.26%	2012
Class XII	Technical Higher Secondary School, Vattamkulam, India.	91.09%	2008

Academic Projects

Optimizing memory layouts for modern network hardware: Active research on exploring the impacts on zero copy on storage systems over modern network fabrics such as Infiniband. Guided by Prof. Ryan Stutsman and Prof. Robert Ricci.

Network Management in public testbeds using Knowledge Graph: Course project done for the Advanced Computer Networks course in an area of ongoing research under Prof. Jacobus (Kobus) van der Merwe

Network Function Virtualization using OpenStack and Quagga: Using Python API and expect scripts, implemented NFV in an OpenStack cluster for lossless dynamic routing.

Distributed Key-Value Store using Paxos Replication in Go: Following labs from MIT 6.824– Course website.

Minibase Database System: Built portions of a database from ground up for the course project for Advanced Database Systems Course.

Positions of Responsibility

- **Membership Chair, ACM Student Chapter, University of Utah (2015-2016).**
- **Founding member and Chairman, Quiz Club (2015)** at DreamWorks Animation India.
- **Student Coordinator, Placement Cell (2011-2012)** - Co-ordinated a team of 13 members in the activities of Placement Cell, the student body that deals with the corporate relationships of the college.
- **Core member of MACS (2009-2012) -** Worked with the organisation doing FOSS evangelism in college.