

Anup Ghatage

Seeking full time opportunities starting May 2016

EDUCATION

Carnegie Mellon University, Pittsburgh, PA
Master of Information Systems Management

Expected May 2016

15-746 Storage Systems
95-703 Database Management

15-619 Cloud Computing
95-712 OO Programming in Java

95-908 Distributed Systems Independent Study
95-771 Data Structures & Algorithms

University of Pune, Pune, India
Master of Computer Science
Bachelor of Computer Science

Jun 2007 – Apr 2012

CGPA 3.86

CGPA 3.36

SKILLS

Languages and Scripting C/C++, Python, Java, Shell scripting, SQL, Basic Haskell

Development Platforms Linux, Solaris, HP-UX, AIX and Windows

Tools / Toolchains / Other gcc, gdb, dbx, make, OpenCV, Most GNU offerings, git, IBM ClearCase, Eclipse

WORK EXPERIENCE

Developer III - Sybase Inc. (SAP Labs), Pune, India

Jun 2012 – Apr 2015

- Worked in development, build and release roles for Adaptive Server Enterprise (ASE) Database Kernel team.
- Code Owner for SAP Fault Manager of the High Availability Disaster Recovery Suite for SAP HANA and SAP ASE.
- Researched and pitched port of ASE on ARM64 architecture. Developed with and led a team of two for the project.
- Presented SAP DemoJam winning innovation for analyzing Big Image Data to SAP Executive Board. Patent Pending.

Intern - Oneirix Labs, Pune, India

May 2011 – Aug 2011

- Created an Object Oriented Game Engine from scratch in C++, without using any external physics engines or libraries.

PROJECTS

CMU Peloton

- Developing a highly scalable, distributed architecture for CMU Peloton database with the CMU Database Group.
- Peloton is a distributed in-memory DBMS designed for hybrid transaction/analytical processing (HTAP) workloads

myFTL for SSD

- Developed a flash translation layer including a garbage collector with policies like FIFO, Greedy, Cost-benefit and LRU.
- Optimized the erase algorithms for best possible wear leveling of the SSD.

Safety Critical Code GCC pass

- Developed a GCC runtime pass for GCC which checks if given code conforms to NASA's safety critical code guidelines

Other Projects

Merkle-Hellman knapsack cryptosystem

Merge and sort arbitrarily large files

'Anamy' – My technology start-up in high school (2002)

Analysis of Big Data using Amazon Elastic Map Reduce

LEADERSHIP & AWARDS

- SAP DemoJam 2014 India Winner, Peer Recognition Award, Rookie of the Quarter
- Founder, Communication Club, Corporate Social Responsibility Initiative
- Executive Board Member, Heinz Consulting Club
- Competent Communicator

SAP India, 2012-2015

SAP India, August 2012 – April 2015

Carnegie Mellon, May 2015

Toastmasters International, June 2010