

Supriya Anand

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EDUCATION

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES

M.S. in Computer Science | GPA: 3.65/4

May 2017

B. M. S. COLLEGE OF ENGINEERING, BANGALORE

B.E. in Information Science | GPA: 9.37/10

June 2013

SKILLS

Programming

• Python • Java • Ruby • HTML • CSS • JavaScript

Frameworks and Tools

• Rails • Bootstrap • PostgreSQL • MySQL • Coverity Prevent • Jenkins • Gcov

SELECT PROJECTS

FB Viz

October 2014

- Recommender system using data mined from Facebook. Graph visualization with Gephi. Get the best person in your network to recommend books/movies/musicians and pages to follow!

Language Identification in multi lingual search queries

November 2014

- Recognize Indian languages in multi lingual search queries leveraging the concepts of Linguistics, Phonetics and specific patterns in transliterated forms of query tokens

Resumer

December 2014

- Text summarization tool using TF-IDF weighting. Experimented with K – means clustering

TagSent

January 2015

- Sentiment analysis on book reviews

GoCalendar

August 2015

- A personal calendar on the cloud. Also an event manager that can be used to schedule meetings across enterprise offices or co-working spaces

WORK EXPERIENCE

MAVENHIVE TECHNOLOGIES | Associate

February 2015 – June 2015 | Bangalore

- Full stack web development for the Grasshopper cloud telephony service
- Designed and implemented a POC for a CRM product
- Implemented APIs to interact with third party services and aggregate content

AKAMAI TECHNOLOGIES | Software Development Engineer in Test

July 2013 – Sept 2014 | Bangalore

- Designed and developed test frameworks and tools to automate component level testing and handled its integration with the Akamai HD Automation framework
- Incorporated a code coverage metrics module into the test framework to identify and target un-tested code which resulted in code coverage moving up by around 10% each across three of Akamai's streaming components
- Fixed memory leaks and errors reported by Coverity Prevent on Video-on-Demand(VoD) network components
- Collaborated with three teams numbering twenty plus to incorporate continuous integration model of development, integration of static code analyzers Coverity, Cppcheck and Jenkins CI server which resulted in immediate bug catches and highly reduced regression cycle
- Extensively trained team members apprising them of quality initiatives. The training sessions have been digitally recorded for the benefit of new employees
- Recognized with a Spot Award for driving key quality initiatives within the Media and Content Distribution Networks(MCDN) streaming engineering teams

AKAMAI TECHNOLOGIES | Intern

Feb 2013 – April 2013 | Bangalore

- Designed and developed a keyword driven code generator for the generation of test scripts for use with the Akamai HD Automation Framework

GAVISTA TECH | Intern

Nov 2012 – Dec 2012 | Bangalore

- Engineered a cloud based organizer for the legal community with modules for reminders and notifications