

EDUCATION

Stony Brook University

Fall 2016-Dec 2017

MS in Computer Science

- **CGPA:** 3.92/4
- Coursework: Data Science Fundamentals, Operating Systems, Analysis of Algorithms, System Security

Motilal Nehru National Institute of Technology, Allahabad

2009-2013

BTech in Computer Science

- **CGPA:** 8.44/10

WORK EXPERIENCE

Quikr India, Bangalore

Feb 2015-Jul 2016

Software Developer

- Duration: 1.5 years
- Team: Content Management
- Reduced 50% bad requests by writing APIs layer to protect data storage (DBMS, Solr, Elastic). Web development, used HTML, CSS, JS for frontend, JAVA and PHP for backend, Web development, used HTML, CSS, JS for frontend, JAVA and PHP for backend. Designed system to classify user content in to spam, duplicate, banned categories.

Oracle India Development Center, Bangalore

May 2013-Jan 2015

Member of Technical Staff

- Duration: 1.5 years
- Team: Business Process Management
- Built UI of Workspace and Worklist functionality of BPM, Used Oracle ADF. Implemented Alta Skin in all releases of BPM. Developed Automation tool using selenium, for testing BPM modules.

TECHNICAL PROJECTS

Tweeter User country prediction

- Predicted whether user belongs to an English speaking country or non-English speaking country based on tweets written by user also predicted specific country from which the user belongs based on his tweets.
- Technologies used: python, tensor flow, weka

Web application firewall

- A reverse proxy based application which sits in front of web server and protects it from malicious requests by finding defined patterns in the request as well as learning and blocking anomalies automatically.
- Technologies used: python, apache, tornado, memcache

Custom system call support

- Added a framework in linux kernel to support custom implementation of system calls, a process can notify kernel to use default system call vector or custom system call vector.
- Technologies used: C, linux kernel programming

Tracing file system

- Trace all the user's operations on files, functionalities added via stackable filesystem, traces stored in non-readable file which can also be replayed, perform all the traced operations again. ioctl support added to customize which system call to trace.
- Technologies used: C, linux kernel programming

SKILLS

Java, C, Python, PHP, NodeJS, JavaScript, Mysql, HTML, CSS, C++, JQuery, Linux, Windows, Perl, Bootstrap, Rest, Git, Weka, Junit, Selenium, Unix, Kernel Programming

NON-TECHNICAL EXPERIENCE

- College badminton team captain, represented college in various tournaments
- Graduate supervisor in library in Spring 2017