

# ANISH GUPTA

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*I am solution driven and love solving challenging problems.*

## PROFESSIONAL EXPERIENCE

### Engineering Lead, MobiBoats

Bengaluru — Jan 2017 - Aug 2017

MobiBoats is a location-based platform for business leaders to meet, innovate and collaborate with each other on-the-go. As an individual contributor, I help the CTO in developing the MobiBoats app and support the backend needs of the company. Supported by Stanford GSB and Microsoft Ventures.

#### Accomplishments

- Setting up a basic recommendation engine to help users find interesting and useful connections on our app using ElasticSearch and Google Datastore.
- Created the company's website.

### Senior Software Developer, GrabOnRent

Bengaluru — Sep 2016 - May 2017

GrabOnRent is a curated product rental marketplace that lets its customers rent a variety of products and gets them delivered to their doorstep. As a senior lead in the company, I helped in optimizing various processes in the company using my software skills.

#### Accomplishments

- Setting up the in-house data analytics system using Google BigQuery, MySQL, MetaBase, Tableau and Stitch Data(ETL).
- Creating custom Geofencing algorithm to account for each item in a users cart.
- Upgrading the cloud infrastructure to use Docker and Kubernetes on Google Cloud Platform.
- Integrating IVRS, Segment and other marketing tools.

### Director Technology, Accpre Software Tech

Bengaluru — Dec 2015 - Sep 2016

Accpre is a startup focused on solving challenges faced by restaurants & the food technology industry with its product '**banyan.space**'. As the team lead and director of the technology team, I hired and lead a small team of highly talented developers to create the backend, website and the mobile app to create a product that takes care of in-house operational needs of a restaurant and also enables their online presence & transactions.

#### Accomplishments

- Led a team to develop the platform.
- Created architecture to run on AWS Cloud with technologies like Nginx, Python Tornado, MySQL, Redis, AWS S3 and Google Cloud messaging.
- Developed Code Generation Scripts to write web-server specific code with error handling and resource management in Python.
- Developed asynchronous Python API's for Sendgrid and Razorpay.

### Associate Software Developer, Symantec Software Solutions

Bengaluru — Jan 2015 - Nov 2015

Symantec is a Fortune 500 company and is the World leader in antivirus & Enterprise Cyber Security solutions. I was part of the **CTO team** of Symantec Software Solutions, Bangalore.

#### Accomplishments

- Deploying and configuring OpenStack and Open vSwitch on bare-metal servers. Enabling and analyzing port-mirroring on Open vSwitch.
- Developed a performance monitor for Deep Packet Inspector using Bootstrap and jQuery.
- Anonymization of sensitive data in real-time.

## Associate Software Developer, Narus Networks

Bengaluru — Aug 2014 - Dec 2014

Associate Software Developer at NARUS Networks, a Cyber security company (Branch of Narus, Sunnyvale, California, USA and subsidiary of Boeing USA). now acquired by Symantec Software Solutions.

### Accomplishments

- Researched and provided various proof of concepts (POCs) for detection of DNS Fast-Flux in botnets, DNS tunnelling and DNS/NTP amplification attacks using Natural Language Processing.
- Packet inspection and analysis using Python Scapy.
- Worked with various frameworks and technologies including Python Flask, Python Scapy, Google Charts, MongoDB, MemSQL, Impala.

## Internship, Narus Networks

Bengaluru — Jan 2014 - July 2014

6 Months Internship at NARUS Networks, a Cyber security company (Branch of Narus, Sunnyvale, California, USA and subsidiary of Boeing USA). now acquired by Symantec Software Solutions.

### Accomplishments

- Created scripts for automated code generation (like Google Protocol Buffer) for a library and successfully achieved data serialization and deserialization at the rate of 10Gbps (On a 10GbE network link) using binary blobs.

## SPECIAL ACHIEVEMENTS:

- **Cofounded Integra:** Conceived and developed '**Integra**' an App that provides integration and access to all cloud services like Dropbox, Box, Google Drive etc in a single screen - Creating more free online storage and the ability to store huge files. UC Berkeley selected Integra as one of the **Top 10 Innovative Ideas** and sponsored the team to present the idea at **University Mobile Challenge 2013, GSMA Mobile World Congress, Barcelona, Spain. The innovative idea was** highly appreciated by all the Venture Capitalists, Entrepreneurs and Judges. UC Berkeley's in-house accelerator, SkyDeck offered the **EIR program** to the **Integra team** at California which included support for **funding from VC's**.
- **Finalists** in **Microsoft Imagine Cup 2013** competition.
- Won special Prize in **Intel App Innovation Challenge 2013** competition Finals.

## OTHER ACHIEVEMENTS

- **Housing Hackathon 2015:** Used Natural Language Processing to determine the sentiments of various tweets and generating insights on various topics of interest.
- **National Programming League 2012, NIT Warangal, India:** Among the **Top 150**.
- **Mozilla Student Representative and tester** for Firefox Browser.
- Hosted **SLAC (Stay Late and Code)** a 24hr non-stop inter college Appathon in Amrita School of Engineering, Bangalore.

## SKILLS

- **Programming Languages:** C/C++, Python, HTML, CSS, JavaScript, Java, LISP, Golang, Shell Scripting
- **Platform:** Linux, FireBase, Google Cloud, OpenStack, AWS.
- Experienced in **CyberSecurity, Cloud Computing, Web Services, Natural Language Processing and Networking**.
- Well versed in computer science concepts and coursework. I enjoy learning and developing software applications.

## EDUCATION

- **2017-19: pursuing** MS in Computer Engineering from College of Engineering, Boston University.
- **2011-14:** B.Tech. in Computer Science Engineering from Amrita School of Engineering, Bangalore, India
- **2010:** Senior School Certificate (SSC) from Kendriya Vidyalaya, Hebbal, Bangalore affiliated to Central Board of Secondary Education (CBSE).

## SPORTS & EXTRACURRICULAR ACTIVITIES

- As member of FunTech team in Symantec, planned and organised various office events.
- Represented Narus Networks in Foot-cause, a football fund raiser event by MAD (Make a Difference) for welfare of children living in orphanages and street shelters.
- Represented in the school Basketball team, AFGJI, New Delhi.