

GAURAV MISHRA

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EDUCATION

STONY BROOK UNIVERSITY

- MS , COMPUTER SCIENCE
GPA = 3.8/4

Sept 2016 - Dec 2017
Stony Brook, USA

INDIAN INSTITUTE OF TECHNOLOGY, VARANASI

- BTECH , COMPUTER SCIENCE
CGPA = 7.2/10

May 2006 - Apr 2010
Varanasi, India

WORK EXPERIENCE

THOUSANDEYES

SOFTWARE ENGINEER

Feb 2018 - Present
San Francisco, USA

- Designing, implementing and maintaining components of our data processing pipeline. These components include micro services for receiving data points from agents, processing them and finally storing them in a distributed data store.
- Implementing new user flows in our web application which exposes our agent's new capabilities to customers.
- Work on data visualization component of our web interface.
- Expose new apis to customers which allow users to interact with our platform from outside web interface.
- **Tech Stack** - Java, Javascript, Spring boot, Mysql, Kafka, ElasticSearch, Angular1, Docker, Kubernetes

GOOGLE

SOFTWARE INTERN

May 2017 - August 2017
Kirkland , USA

- Working in Ads Team , owned and developed troubleshooting features for Double Click Manager.
- Using machine learning try to predict if a line item's current settings will perform well on ad exchange server.
- **Tech Stack** - Java, Angular Dart, Spanner, St-cache, Tensor Flow.

TYPITO

CO-FOUNDER/ENGINEER

Apr 2015 - July 2016
Bangalore, India

- Designed and built typito's backend which included the webapps and a couple of downstream video rendering micro services.
- Built video rendering engine using Ffmpeg's library. This module was responsible for overlaying graphics animations on top of a video.
- Built a micro service for transforming graphics animation created on typito's UI to series of png images.
- **Tech Stack** - Javascript/Nodejs, Express, C++, ReactJs, Ffmpeg, Amazon SQS, Amazon Elastic Transcoder, Phantomjs

TIVAMO

TECH LEAD

Aug 2014 - July 2016
Bangalore, India

- Built video streaming infrastructure capable of streaming live video broadcasts or video on demand using Wowza media server . delivery protocols being hls and rtmp.
- To cut down on infra cost prototyped use of nginx server as edge servers and Wowza as origin server.
- For reducing latency prototyped infra based on WebRTC technologies (Kurento Media Server).
- **Tech Stack** - Java, Javascript, Wowza, Kurento

DISNEY (PLAYDOM)

SENIOR SOFTWARE ENGINEER

Jun 2011-Mar 2014
Bangalore, India

- Worked on end to end feature development of 4 social games for facebook . one of which was released for IOS and Android too.
- Wrote a tool to convert swf file to a texture atlas which could be used by framework Starling to render UI using GPU.

- **INFOSYS**

*June 2010-May 2011
Bangalore,India*

- JUNIOR RESEARCH ASSOCIATE

- Worked on Semantic Engine that could process a given english text and store it in a format which we could query later using natural language.
- Prototyped a application that could process a legal document and guess which parts of the document are potential headnotes.A Patent was also filed for the same.

- **IBM**

*Apr 2009 - June 2009
Bangalore,India*

- TEST ENGINEER INTERN

- Worked on automation of manual test cases using IBM's Rational Functional Tester.
- Wrote a Module which using character recognition was able to automate certain test cases that were not possible using RFT alone.

PATENTS

- Automation of Headnote Extraction from a legal documents.
(<http://www.google.com/patents/US20130238316>)