ANUPAM MISHRA

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EDUCATION

- **University of Southern California** — Los Angeles, CA
  Master of Science in Computer Science — *Aug, 2017 – May, 2019*
- **Gautam Buddha University** — Greater Noida, India
  Integrated B. Tech + M. Tech in Computer Science — *Jul, 2012 – May, 2017*

WORK EXPERIENCE

- **TestMax Inc, Venice, CA** *(Software Engineering Intern | May, 2018 - Present)*
  - Developed a RESTful API for TestMax suite of apps and deployed on AWS using EC2.
  - Integrated the AVATAX Taxation API and Stripe Payment API in the TestMax Web Store and API.
  - Scripted Cron jobs to build premium download and update packages for TestMax suite of apps. These tasks brought down the content refresh time on mobile apps to 93 milliseconds at app launch.
  - Integrated Amazon SES for sending out promotional, transactional and account management emails to users and S3 to store user data.
  - Implemented custom JWT authentication and custom adapter (Rails) for multiple databases for TestMax API.

- **Gozocabs, Noida, India** *(Software Engineering Intern | May, 2016 - Feb, 2017)*
  - Designed and Implemented Broadcast Messaging Module (SMS, Email, Push Notification on Android App) for Admin panel of www.gozocabs.com
  - Collaborated in a team to create a WhatsApp Bot to parse chat data to a database and perform NLP.
  - Scripted cron jobs to aggregate daily feedback and communication to vendors and drivers that reduced manual effort to consolidate and share feedback.
  - Determined and Implemented open source solutions for Customer Ticket Management (OS Tickets) and Business Insights (SpagoBI) modules.

- **Oracle, Noida, India** *(Software Engieering Intern | May, 2015 - July, 2015)*
  - Worked on Oracle Application Container Cloud Service, which is based on Docker container.
  - Enhanced the Oracle Java Cloud Service UI.
  - Contributed to build and setup automation of UI project and created required documentation for incoming developers and new hires.

TECHNICAL SKILLS

- **Languages/Frameworks:** Ruby (Ruby on Rails), Java, JavaScript, Node.js (Express), Angular (2/4), Python
- **Technologies:** Amazon Web Services, Google Cloud Platform, Docker, Android Studio

PROJECTS

- **Personal Stock Portfolio** *(Oct, 2017 - Dec, 2017)*
  - Developed Web Services and Android Application for Stock Portfolio management using Node.js on Amazon Web Services. Along with Angular 4 used HighCharts API to render indicator and historical price charts of a stock. Also containerized the backend using Docker.
    Technologies: Node.js, Angular 4,Bootstrap, Android Studio, CSS, HTML,AWS (S3 and Elastic Beanstalk)

- **Learners Dashboard** *(March, 2018)*
  - Created a Responsive Web Application that allows users to attempt questions that are fetched in a JSON format. User choices for each question are stored using HTML5 Local Storage. It also provides a comprehensive analysis of the user's performance and lets the user review his answers after the end of the quiz. Deployed using AWS (S3).
    Technologies: HTML5, CSS3, JavaScript, AWS (S3)

- **Twitter Sentiment Classification using a Hybrid Classifier** *(May, 2017)*
  - Implemented a Hybrid Classifier using kNN and SVM machine learning algorithms for Sentiment Classification of Twitter data using Python, Twitter API.
    Technologies: Python, Twitter API

- **Student Result Processing System for Gautam Buddha University** *(May, 2016)*
  - Led a team of five students to create an online result management portal for faculty at Gautam Buddha University, with functionalities of cloud backup, restore, analytics of student grades and class performance.
    Technologies: PHP, Bootstrap, jQuery, Javascript, HTML, CSS, MySQL, Google Drive API