

# HARSHA SANJEEVA

367 Stockton Ave, 304,  
San Jose, CA – 95126, US  
<http://harshasanjeeva.com>

**Mobile:** +1 (669)-204-5745  
**Email:** [harshasanjiva@gmail.com](mailto:harshasanjiva@gmail.com)  
[www.linkedin.com/in/harshasanjeev](http://www.linkedin.com/in/harshasanjeev)

## EDUCATION

**Master of Science** in Computer Engineering CGPA: 3.65 / 4 Expected **May 2018**  
• Software Development | San Jose State University, San Jose, CA

**Bachelor of Engineering** from BMS College of Engineering: CGPA: 4.00 / 4 **May 2015**

## TECHNICAL SKILLS

- **Programming:** Java, JavaScript, Python, C++, C.
- **Web:** Angular, React.js, Redux, Node.js, HTML5, CSS, REST APIs, Git, TCP/IP, Kafka.
- **Data / Analytics:** MySQL, MongoDB, Hadoop, MapReduce, Spark, K-means, Tableau
- **Cloud / Tech:** AWS, Elastic Search, EC2, S3, RDS, SSH, Firebase, Azure, Docker, Django, Flask, Spring
- **Data Science:** Deep Learning - Deep and wide model, Tensor flow, NLP, LUIS, IBM Watson, MATLAB.

## ACHIEVEMENTS

- **Top performer** at Accenture (2015) | **CISCO SecCon** | **Best Product Design Prize** (AWS, Intel) at AWS loft.

## PROFESSIONAL EXPERIENCE

**Full Stack Developer**, Konviv, Berkeley, California: **Sep 2017 - present**

- Developed a Financial management MVP application for over 500 users to manage their money more effectively by doing analytics and prediction based on their previous banking transaction. Created a native mobile application
  - Designed cross-platform application (Android, iOS, Web) using Ionic 2 (Angular 2), HTML, CSS.
  - Developed backend part of the application using the Nodejs and express. User's data is stored in Relational Database System (MySQL) in AWS. Implemented password encryption & single sign-on(OAuth) from Gmail
  - Implemented a Deep and wide model (Deep learning) to predict the category wise spending for each of the users based on the user's previous transactions and the analytics helped users to stay in budget, avoiding debt.
- **Tech:** *Ionic 2, Angular 2, NodeJS, JavaScript, AWS, EC2, RDS, MySQL, REST, OAuth, Encryption.*

**Summer Software Intern**, RPNC Systems, Piscataway, New Jersey **Jun 2017 - Aug 2017**

- Created a Full-stack Event management application (MEAN stack). Events created by users have pure ownership.
- Made the application faster by rebuilding the backend, which resulted in app being 25% more responsive.

**Associate Software Engineer**, Accenture, Bangalore: **Jun 2015 - Jul 2016**

- Played a key role in augmenting the ETL process with the BI Reporting tools and performed database modelling.
- The overall project was developed using Agile methodology, regular interaction with peers as scrum master for several releases, made me a better team player and gained valuable experience in Oracle DB.

**Teaching Assistant**, San Jose State University, San Jose, California: **Jan 2017 – present**

## ACADEMIC PROJECTS

**GitHub Ranking System** - *ReactJs, NodeJs, GitHub API* **Jan 2018**

- Developed a React application that calculates G-Score for users, based on their contributions made and reputations.
- Helped users to know their actual overall rank, analyse comparison between two GitHub users, which helps the coders to judge their scale globally. <https://react-github-battle-27881.firebaseio.com/>

**Spartan Chatbot** - *NodeJs, Azure, Bot Services, LUIS* **Aug 2017**

- Built a Chatbot application for San Jose State for providing all the information regarding to their courses and events.
- Chatbot was used by over 500 freshmen joining the Engineering major's, helped them answer all the questions.

**LocTracker** - *Angular 2, Ionic 2, Google Maps API, MongoDB* **Jan 2018**

- The purpose is to build a secure application to track the users using the location and restrict their app activities.
- Banks need this, as the app tries to decline the transaction when users are faking their location.(A Start-up interested)

**Recommendation System** - *Spark, K Nearest Neighbors, Python* **Jan 2018**

- Created Collaborative filtering model that learns from the user profiles to provide personalized recommendations.
- Users has better collections of movies to choose and explore more based on their browsing pattern and liking.

**TweetMap** - *JavaScript, Python, Django, Twitter APIs, AWS, IBM Watson APIs* **Feb 2018**

- Currently modelling a web application to plot the location of the live tweets searched by user for given keywords.
- Helps News reporters to analyse currently trending topic of any geolocation in the world. Used for analytics as well.

**DDoS Botnet** - *Java* **Aug 2016**

- Simulation of Ddos to analyse the attack, happened in 2016. Preventive measure to overcome the such attacks.

**Client Server Distributed Design** - *C, Sha/Md5 encryption, MySQL DB, RPC* **Sep 2016**

- Designed an IPv6 based hybrid Airline Reservation System which is built from the scratch using socket program.

**Smart Lighting System (IoT + Cloud)** - *Node.js | Intel Edison | AWS Hackathon (Best Product Design)* **Nov 2016**