

Rajat Rajarama Hande

Expert Frontend Developer, Novice Backend Developer

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Stony Brook, New York

EDUCATION

- **Stony Brook University, SUNY** Stony Brook, USA
Master of Science in Computer Science; *Aug. 2019 – Expected Dec. 2020*
- **Sri Jayachamarajendra College of Engineering, VTU** Mysore, India
Bachelor of Engineering in Computer Science; GPA: 8.69/10.0 *June 2012 – June 2016*

TECHNICAL SKILLS

Languages: Typescript, Java, HTML, CSS, Android, C++, Python, XML, Go

Databases & Frameworks: Angular Framework, MySQL, PostgreSQL, MongoDB, Spring MVC

Technologies, Skills & Tools: Git, Maven, GCP Stack, Jenkins, Agile Scrum, Material Design

Relevant Coursework: Data Structures, Analysis & Design of Algorithms, Data Science, Distributed Systems

WORK EXPERIENCE

- **Motorola Mobility** Bengaluru, India
Software Engineer *June 2016 - July 2019*
 - **User Opinion Insights (UOI):** Headed UI/UX in the UOI team and managed the entire life cycle of the project which involved designing, prototyping and web service development.
 - **Moto Engage™- Notifications:** Developed an Angular based web portal to empower batch campaigning through subscriber segmentation. Performed analysis on notifications sent, opt-ins received and subscribers.
 - **Moto Place™- Content Management System:** Constructed an Angular portal to oversee and analyze the news and ad contents to be sent via Moto Place. Actualized the Spring MVC framework to develop the essential APIs.
 - **Android Development:** Monitored and updated the Android framework applications used to synchronize with Motorola servers to the latest renditions of Android. Composed shell scripts to generate system builds on Jenkins.
- **Motorola Mobility** Bengaluru, India
Cloud Services Intern *Jan 2016 - June 2016*
 - **GCP Optimizations:** Achieved cost reduction of 8% by optimizing the usage of Memcache on GCP.
- **ARM Embedded Technologies** Bengaluru, India
Technology Intern *May 2015 - July 2015*
 - **Data Hazards Simulation:** Used C++ to build a plugin that assesses in the analysis of data hazard scenarios generated by the verification tools on faster simulation models.

PROJECTS

- **SAR: Sentiment-Aspect-Region Modelling:** Ongoing research on analysing and optimizing existing Sentiment-Aspect-Region Models for User Preference Analysis in Geo-tagged reviews.
- **Replicated State Machine:** Implemented a Fault Tolerant Key Value storage system using RAFT algorithm.
- **Performance Analysis in Social Media - UG Course Project:** Worked on information retrieval techniques to develop a generic platform to visualize and compare specifications of products. Achieved 72% accuracy through sentiment analysis by using NLTK on reviews obtained through social media platforms in real time.
- **IEEE-CIS Fraud Detection:** Developed machine learning models to detect fraudulent transactions and achieved an accuracy of 80% (on Kaggle).
- **AMES House Price Prediction :** Practiced feature engineering on housing data-set from AMES, Iowa. Achieved error percentage of 15% in building the model for predicting the sale prices of the houses.

ACHIEVEMENTS & LEADERSHIP

- **Teaching Assistant at Stony Brook University:** Involved in designing assignments, exams and conducting Java laboratory sessions for undergraduate course CSE 114.
- **Promotion at Motorola:** Promoted to Software Engineer from an Associate in 2018 sighting the contributions.
- **Associate on-boarding:** Coordinated and provided strong hands-on technical training to new associates and interns.
- **Winner of Motorola Global Hackathon 2017:** Part of the team that built a voice analysis pipeline *VoiceAna*.