Akshay Sadarangani

📱 (857) 400-6844 🔗 https://akshaysadarangani.com ✉ akshay.sadarangani@gmail.com
GitHub://aksh4y ▫ LinkedIn:// Akshay Sadarangani ✍ Stack Overflow:// 4kshay

EDUCATION

Northeastern University, Boston, MA   December 2018
Master of Science in Computer Science

Christ University, Bangalore, India   May 2014
Bachelor of Computer Application

EXPERIENCE

Goldman Sachs, Jersey City, USA   April 2019 – Present
Software Engineer

Jumpstart, Boston, USA   August 2018 – January 2019
Student Ambassador for Jumpstart at Northeastern University

VMware, Bangalore, India   July 2014 – May 2016
Analyst and Web Developer
- Developed and supported MS SharePoint based web applications used company-wide by 20,000+ employees
- Automated existing manual and tedious processes using VBA macros and reduced process time by 75%
- Received the *Go Getter Award – H2 2015* for engineering a reward-based website for the Worldwide Biz Ops team

PROJECTS AND HACKATHONS (CLICK TO FOLLOW)

Slick ⬀ | Northeastern University | December 2018
- Revolutionized an industrial socket broadcast messaging system into a modern-day Java based CALEA compliant messaging platform hosted on AWS EC2. With the git master branch being protected by a high bar of >85% test coverage on SonarQube to pass the Jenkins build and PR approvals, Slick turned out to be a robust system.

news-map.io ⬀ | hackNY 2018 | September 2018
- Hacked a web app that aggregates different news sources using Python on a map built with deck-gl and D3.js to provide location-based trends in current events and a sentiment analysis on each article using IBM Watson NLU to categorize each source's view and help users recognize bias and prevent misinformation

Autometa ⬀ | Northeastern University | August 2018
- Created an Android app to provide an automated geo-based reminder and SMS service. Users entering within the radius of a chosen location or location category will automatically 'trigger' the selected action after a 60 second timer

UniChat ⬀ | Northeastern University | April 2018
- Developed a MEAN stack platform that lets users chat with each other in 15 languages. Messages are translated using IBM Watson Language Translator and have associated positive/neutral/negative sentiment to give a better sense of the translations. Sentiment analysis is done using IBM Watson Natural Language Understanding

Information Retrieval System ⬀ | Northeastern University | December 2017
- Hypothesized the retrieval effectiveness of BM25, TF-IDF, Lucene and Smoothed Query Likelihood Model as retrieval models for a search engine with multiple running parameters using Python

Tabbd ⬀ | August 2017
- Innovated a bundled Android app and Google Chrome extension that syncs links between phone and PC in real-time using Google Firebase providing option to open individual links or open all in separate tabs

Infographer ⬀ | Northeastern University | April 2017
- Built a RESTful MEAN stack web app enabling users to create, save, print and share infographics. Provides backgrounds, text, shapes plus custom images from Flickr or file upload. Supports Google, Facebook and email sign up with recovery using Twilio SMS. Save as PDF to Desktop/Dropbox/Google Drive, share on Facebook as static URL or print it

TECHNICAL SKILLS

Primary Languages:	Java, JavaScript, SQL
Technologies:	Spring MVC, Node.js, Express.js, AngularJS, JDBC, Jenkins, JUnit, SonarQube, HTML, jQuery, CSS
Cloud Platforms:	AWS, Heroku, Google Cloud Platform
Databases:	MySQL, Oracle, SQLite, MongoDB, AWS RDS

LEADERSHIP EXPERIENCE

- Volunteered to help a non-profit organization to port their native web system to an AngularJS frontend (Summer 2018)
- Appointed Single Point of Contact at VMware for transition of MS SharePoint from version 2007 to 2013 for 5+ teams
- Headed international project collaboration of 100+ students with University of Applied Sciences FHWS, Germany
- Elected University Placement Representative and University Student Council Representative during undergrad