Akshay Sadarangani

(857) 400-6844 https://akshaysadarangani.com akshay.sadarangani@gmail.com
GitHub://aksh4y LinkedIn:// Akshay Sadarangani Stack Overflow:// 4kshay Podcast Feature

EXPERIENCE

MongoDB, New York City, USA

Software Engineer III — October 2021 – Present

- **Experiments |** Work closely with product, marketing, and analytics to engineer A/A, A/B and MAB test experiments in React/Java to make improvements to the Atlas funnel and integrate Atlas front-end with back-end analytics systems
- **Product |** Elevate the core Atlas product by building new features and improving existing processes and driving them through the SDLC to completion, precisely and accurately, by making data-driven decisions

Goldman Sachs, Jersey City, USA

Software Engineer II — December 2020 – October 2021

- **Content Tool |** Conceptualized, proposed and led the development of a full stack web app using Node.js, React.js, Java and other in-house tools to automate fact card generation thereby saving the firm an estimated ~$1.5 million / year
- **Investment Management Division Conflicts |** Make design decisions and supervise the development work of 2 direct reportees for this React.js based app where the sales team can onboard business proposals to check for conflicts of interest
- **Mentorship |** Buddy to 2 interns and Acclimation Mentor to a full-time analyst supporting their way into the firm

Software Engineer I — April 2019 – December 2020

- **Fixed Income Automation |** Single handedly interacted with users to design complex server-side code in Java to automate report generation saving 400+ days of work annually by onboarding 20+ reports over 6 months
- **Client Reporting Platform |** Led the dev work and managed 4 support staff worldwide for handling daily / monthly posting of 1000+ ETFs and MFs to GSAM.com by retrieving, aggregating and implementing biz logic to financial data
- **Fund Data |** Successfully switched report rendering for 1000+ onshore funds from a 3rd party vendor to an in-house tool with 100% result match saving the firm ~$700,000 / year

VMware, Bangalore, India — July 2014 – May 2016

Analyst and Web Developer

- **SharePoint |** Developed and supported MS SharePoint applications used company-wide by 20,000+ employees
- **Infrastructure |** Led the infrastructure upgrade of MS SharePoint from version 2013 to 2016 for 5 global teams
- **Gamification |** Received the *Go Getter Award* for engineering a reward-based website for Worldwide Business Ops

TECHNICAL SKILLS

Primary Languages:	Java, JavaScript ES6 / TypeScript, Slang, SQL
Technologies:	Spring MVC, Node.js, Express.js, AngularJS, React.js, Jenkins, JUnit, SonarQube, jQuery
Cloud Platforms:	AWS, Heroku, Google Cloud Platform
Databases:	MongoDB, MySQL, Oracle, SQLite, Elasticsearch, AWS RDS

EDUCATION

Northeastern University, Boston, MA — December 2018

Master of Science in Computer Science

Christ University, Bangalore, India — May 2014

Bachelor of Computer Application

SIDE PROJECTS (CLICK TO FOLLOW)

Autometa

- 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

- 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

Slick

- 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

- Hacked a web app at hackNY 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