Akshay Sadarangani

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EXPERIENCE

MongoDB, New York City, USA

Software Engineer III   October 2021 – Present

- **Data API Connectivity for Vercel Integration** ⬈ **|** Implemented a new connectivity mechanism within the MongoDB Atlas integration for Vercel, enabling secure data transfer over HTTPS using Data API. adding to the value proposition of DBaaS
- **Ecosystem** ⬈ **|** Developed a NoAuth marketplace app for MongoDB integrations using React, TypeScript and Java from scratch. The application hosted over 20 configurable, filterable and searchable integrations resulting in a 100% increase in discoverability upon its launch
- **Charts** ⬈ **|** Collaborated with the Charts Product and Analytics teams to design and execute an A/B test experiment showcasing a real-time and interactive Atlas Chart component to promote awareness of the product leading to a 138% activation lift
- **Experiments |** Collaborated closely with Growth product, marketing, and analytics teams to plan and launch 7 complex A/A, A/B and MAB test experiments. Leveraging React and Java, these experiments targeted improvements in the Atlas funnel and integration of Atlas front-end with back-end analytics systems
- **DBaaS** ⬈ **|** Contributed to elevating the core Atlas product by developing new features and streamlining existing processes. Led initiatives throughout the SDLC with precision and data-driven decision-making to ensure successful completion

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