Akshay Sadarangani

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 GitHub://aksh4y   LinkedIn:// Akshay Sadarangani   Stack Overflow:// 4kshay   Podcast Feature

EXPERIENCE

MongoDB, New York City, USA

Senior Software Engineer   February 2024 – Present

- **MongoDB Atlas as an Azure Native Integration** ⧉ **|** Led the engineering effort for a first-of-its-kind native integration allowing Microsoft Azure users to provision and manage fully functional MongoDB Atlas clusters directly from the Azure portal. Orchestrated collaboration across internal MongoDB teams and Microsoft to enable seamless, account-less onboarding, automated billing integration, and background Atlas account creation using Java and React with TypeScript.
- **Config Service |** Spearheaded the design and rollout of a centralized configuration service to unify disparate system settings across the org. Built with support for application properties and feature flags, and equipped with REST and gRPC interfaces to ensure language-agnostic adoption across Java and Go-based services.
- **Ecosystem CMS** ⧉ **|** Transformed the Ecosystem integration catalog into a CMS-driven platform to offload update ownership to Product and Partner Marketing. Enabled non-engineering teams to CRUD integrations with built-in validations and approval workflows, saving substantial engineering bandwidth.

Software Engineer III   October 2021 – January 2024

- **Data API Connectivity for Vercel Integration** ⧉ **|** Implemented a new connectivity mechanism within the MongoDB Atlas integration for Vercel using Java and React + TS, enabling secure data transfer over HTTPS using Data API in a RESTful way, adding to the value proposition of the DBaaS integration
- **Ecosystem** ⧉ **|** Developed a NoAuth marketplace app for MongoDB integrations using React, TypeScript and Java from scratch. The application hosts over 30 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, engineering, marketing, and analytics teams to plan and launch over 10 complex A/A, A/B and MAB test experiments leveraging React + TS and Java targeting improvements throughout the Atlas front-end and back-end funnels quality 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 |** Made design decisions and supervised the development work of a React.js based app where the sales team can onboard business proposals to check for conflicts of interest

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