

AMAN KADAM

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Experience

CommerceIQ

Aug 2021 – Present

Software Development Engineer UI - 1

Bangalore, India

- **Co-owned the high-level design (HLD) and low-level design (LLD)** of a **customizable Dashboard Creation Platform**, inspired by Business Intelligence (BI) tool. Enabled users to create **custom visualizations** and build dashboards. Designed the **UI services** to be used by multiple services for generating PowerPoint presentations and AI-driven insights.
- Assumed the role of Single Point of Contact for the Reporting Dashboard and Framework, demonstrating **full ownership** of all frontend tasks and consistently achieving **on-time delivery** with a focus on quality. Provided **mentorship** to colleagues and facilitated the onboarding process for new team members, ensuring a **smooth transition** into the frontend technology stack.
- Created a suite of **highly efficient and reusable dashboards**. These dashboards were designed to support a wide range of **data visualization needs and provide critical insights**. The dashboards were highly reusable and migration for other retailer took only few days.
- Co-owned the development of the Dashboard Inflater framework, **a powerful tool designed to simplify the creation of diverse dashboards through an intuitive configuration process utilizing page IDs**. All dashboards utilizing the dashboard service were constructed upon this framework.
- Successfully migrated the **SVG-based charting** library C3.js to a **canvas-based** charting library, mitigating performance issues and preventing **page crashes and freezing experienced in the product**. Conducted in-depth analysis revealing that SVG-based charts were the primary cause of these issues.
- Designed **numerous reusable components**, notably a comprehensive and configurable dashboard service table leveraging the AG Grid platform. This versatile table component offers full functionality and serves as the foundational element for all website tables.
- Owned the **backend development** for the Orchestrator Service within a Media Planner Simulation project, serving as the pivotal link between the frontend and the business logic SQL query simulator. Successfully crafted multiple CRUD APIs, leveraging SQL as the database, and implemented **serverless functions** for optimal performance and scalability.
- Initiated and executed multiple **proof-of-concept projects**, including the development of **AI-driven widgets** creation on dashboards through natural language input, simplifying user interactions and enhancing usability.
- Engaged in **routine code reviews**, upholding rigorous code quality standards, and **collaborated effectively with team members** by offering valuable feedback and insightful suggestions to enhance project performance.
- **Tech Stack:** Vue.js, Node.js, HTML/CSS, TypeScript, JavaScript, Sass/SCSS, C3.js, Express.js, Git, etc.

Vasitum

May 2021 - July 2021

Software Development Engineer Intern

Bangalore, India

- Worked on a bulk upload feature that leveraged AWS SQS and AWS S3 to parse and update thousands of resumes quickly and accurately.

RAX Labs

Jan 2021 - June 2021

Software Development Engineer Intern

Bangalore, India

- Enhance the functionality of the RAX Chrome Extension by developing new features that enable users to import PDFs from various websites into their RAX library seamlessly.
- Developed a Serverless API using AWS Lambda and AWS SQS that is capable of downloading the full PDF collection from popular reference manager websites such as Mendeley and Zotero, allowing users to easily import their data into RAX.
- Successfully expanded support from 2 to 12 websites for a Chrome extension, enabling users to seamlessly import PDFs into the RAX library.
- Updated the frontend of the RAX Chrome Extension using the Vue.js Framework.

Technical Skills

Languages: JavaScript, TypeScript, HTML, CSS, SQL

Frameworks: Vue.js, React.js, Node.js, Express.js

Tools: MongoDB, Snowflake, Firebase

Education

Birla Institute of Technology, Mesra

July 2017 – June 2021

Bachelor of Engineering in Electronics & Communication

Ranchi, India