RONAK SHAILESH VYAS

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Technical Lead, Design System at Groupon, Chicago IL

Bachelor of Technology(Computer Science and Engg.) from NIT Goa

EXPERIENCE

Groupon Inc. & Groupon India - Software Development Engineer III
[May 2019 - Present] Chicago & Bangalore

Groupon is an American global e-commerce marketplace connecting subscribers with local merchants by offering activities, travel, goods, and services in 15 countries.

1. **Technical Lead of Felix, Groupon's Design System**. Responsible for driving the tech roadmap of Felix that includes planning and executing on the future roadmap. Also taking care of new requests, components and collaboration with the Design Team.

2. **Owner of the new Design Tokens v2 project** for Felix which is a complete overhaul of our initial version of design tokens. Used **Figma tokens plugin** with **Style Dictionary** and Integrated in Components repository. Also designed the **CI/CD pipeline** to enable designers to publishing tokens without Technical help.

3. **Senior Frontend Engineer of the Layout Service team** at Groupon responsible for building and maintaining common page templates and public components for Groupons 5M+ web pages using **React, Preact, Redux, Typescript, WebPack, and Jenkins CI**

4. Complete rewrite of the critical Breakage Reduction Service using latest frontend stack. This service is responsible for sending transactional notifications. Used **Javascript and Node.**

5. Implemented new UI for Redemption buttons which includes Swipe animations using **Javascript, HTML and CSS**. These touchpoints are used to redeem a voucher.

6. Collaborated with Booking team for 4 months and helped them integrate new features to Booking flow.

7. Refactored all API endpoints in Layout Service to new open-api spec using **Javascript**.

8. Implemented new Design for Categories menu for Groupon Desktop website.

9. **Mentored Engineers and Interns** joining the team to get them familiarized with the Product, processes and Tech Stack. Did 2 Organisation-wide **knowledge sessions** on Metrics and open-api migration steps.

MiQ   **September 2016 - April 2019**

MiQ is a Marketing Intelligence company that helps businesses grow through Data-Driven Solutions.

- **AiQx**: AiQx is the Client Facing Discovery Platform of MiQ which enables Agencies to plan Campaigns and discover Insights.

    1. Integrated Vert.x in the existing architecture at a later stage.

    2. Worked on design and implementation of Universal Search which involves Searching and Querying on hundreds of GBs of row level data and generating reports on it using Elastic Search, Amazon Athena, Vert.x, Memcached etc.

    3. Designed and implemented CSV Download of Reports.

    4. Mentored Engineers and Interns joining the team to get them familiarized with the Product, Processses and Tech Stack.

5. Instrumental in improvement of CI/CD pipeline using Docker, Jenkins and Kubernetes.

6. Implemented various Developer Productivity processes like Pull Request Guidelines, Coding Conventions etc.

7. **Tech Stack**: ReactJS, Java, Websockets, Apache Camel, Vert.x, Amazon Athena, MySQL, Jenkins, Docker, Kubernetes, Spring.

- **Jarvis** : Jarvis is the backbone application of MiQ. It is a Campaign management system which helps Traders manage their Advertising Campaigns efficiently, saving their precious time.

  1. Implemented various types of Cost Tracking on Campaigns to help Finance team with their billing.

  2. Designed a Generic DSP(Demand Side Platform) Microservice which will help us scale to multiple DSPs in future.

  3. Organized an one day Hackathon which resulted in us implementing a new Generic DSP Microservice.

  4. **Tech Stack**: Java, Spring Boot, Kubernetes, MySQL, AngularJS

- **MiQ Explore** : MiQ Explore is an Insights Discovery tool which helps people within the company share and discover insights easily, sparing them the rework.

  1. Single handedly Designed and Implemented the complete backend of MiQ Explore. This project was not a part of Product Roadmap and was done to solve a major problem on Analysis side of business. Received appreciation from the Board for solving a daily problem without being asked.

  2. **Tech Stack**: Vert.x, REST API using Vert.x, MongoDB

- **SRS** : SRS is the most widely used reporting tool for generating reports based on dimensions and metrics by the Analytics team.

  1. Worked on UI and Backend enhancements.

  2. Implemented streaming download from S3 to UI.

  3. **Tech Stack**: ReactJS, Java, Spring, AWS SDK, MongoDB.

Unbxd   February 2016 - August 2016
Unbxd is a leading e-commerce product discovery platform that applies advanced data sciences to connect shoppers to the products they are most likely to buy, while providing predictive actionable insights for merchandising.

- Worked as a Software Engineer in the Customer Success team. Built configurable plugins for various e-commerce platforms smoothening the integration process.

- **Tech Stack**: Python, Java, MySQL, Solr, ElasticSearch.

CouponDunia   June 2014 - February 2016
CouponDunia is India's 1 Coupon and Cashback Destination.

- Built a generic and scalable data tracking system using RabbitMQ, Yii2 RESTful API, Multi-threaded Java workers and PostgreSQL.

- Implemented the complete Search functionality using SOLR with Solarium. Used clustering to predict similar queries and tuned SOLR for relevancy.

- Worked on the development of a custom MVC framework for Web and Mobile APIs.

- Developed an admin panel for sending mobile push notifications through parse with scheduling and segmentation.

- Developed the SEO panel to manage various tags for SEO. Implemented a dynamic template system for all tags.

- **Tech Stack**: PHP, RabbitMQ, Yii Framework, Java, MySQL, PostgreSQL

PUBLICATION

Design of an Efficient Verification Scheme for Correctness of Outsourced Computations in Cloud Computing

EDUCATION

National Institute of Technology, Goa *August 2010 - May 2014*
Bachelor of Technology
Computer Science Engineering CGPA: **8.35**

Kendriya Vidyalaya, Silvassa
Class 10 2007, 88%
Class 12 2009, 90.6%