

Ankush Kalra

{ Lead Engineer - React }

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SKILLS

- **React.js, Redux**, Redux-thunk, JavaScript, Typescript, CSS, PWA.
- Node.js, Express.js, MongoDB, REST, AWS(EC2, S3, SES, SNS, SQS), Docker
- **Git, JIRA**

EXPERIENCE (Total - 5.5 Years)

Publicis Sapient — Lead Engineer (Unilever) - (1.2 Years)

Dec 2021 - Present

- Designed and built Direct digital marketing (DDM) systems for Unilever.
- Created a web app to manage data collection campaigns, email and sms marketing campaigns in React, Redux.
- Create APIs in Express.js and database design.
- Integrating with 3rd party tools and other Unilever APIs.

Exzeo — Javascript Developer - (2.6 Years)

Jun 2019 - Dec 2021

- Maintained React projects developed using React, Redux, and Redux-thunk.
- Developed multiple microservices in Node.js and AWS S3, SES on the backend.
- Wrote test cases for the backend in Mocha/Chai.js and for the front end in Jest and Enzyme.

Daffodil Software Pvt. Ltd. — React Developer - (1.9 Years)

Aug 2017 - Jun 2019

- Primary responsibilities include developing user interfaces in React, React-Native, and Redux.
- Converting Designs to HTML, CSS, React, and integration with Backend API.

EDUCATION

Kurukshetra University - B. Tech (CSE) - 67%

July 2013 - June 2017

S. A. Jain Sr. Sec. School - Sr. Sec. - 89%

Apr 2011 - May 2012

PROJECTS

1. **UNILEVER DDM CAMPAIGN WIZARD** is a web app for managing campaigns in brands of Unilever. It serves 1500+ Brand Market combinations. It has a frontend in React, Redux, and a backend in Node,

Express, and MongoDB. Brands create forms, emails and sms campaigns here. The information gathered from forms filled by users is processed further by Unilever and Adobe systems, for user profiling. This helps Unilever to market their products.

My Responsibilities: I worked on improving the product by adding new features and refactoring code to use modern React, Redux tools, and libraries to reduce bugs.

2. **HARMONY FNOL** uses React, Redux, Node, Express, MongoDB, Redis, and Mocha.js. It is used by the phone support team of Harmony Insurance, Florida for registering First Notice of Loss (FNOL). It uses React Redux on the frontend side and a microservice-based architecture on the backend. The independent services are developed in Node.js and Express.js using the MongoDB database. It uses Redis for caching. Docker is used for the development and deployment of microservices. AWS S3 was used for cloud file storage.

My Responsibilities: I worked on improving the product by adding new features and refactoring code to use modern React, Redux tools, and libraries to reduce bugs.

3. **PRINT SERVICE BUNDLE** uses AWS SQS, AWS S3, Node.js, and Express.js. It is a service that whenever an action that requires printing of Insurance documents, like a customer buying a new policy or a policy is renewed. The related documents that need to be printed are inserted in S3, and the insertion event puts a message in SQS for print service. Print Service listens to an SQS queue and on message puts all the related pdf in a single folder and prints the folder.

My Responsibilities: I created this project's most code by myself (Node.js, AWS SQS, AWS S3).

4. **APPLANE FRAMEWORK** uses React, Redux, Node.js, MongoDB, express, and mocha.js for designing and implementing web and native applications quickly. It consists of different reusable components like Router, List, Table, Form, etc. By using this framework users can start working on their projects at a faster pace. Project based on Applane Framework: Manaze (<https://web4.manaze.io>), Yellow Live (<http://admin2.yellow.live>), AutoLoad (<https://autoload.com>), and some others.

My Responsibilities: Development of Platform independent Reusable React Components like Nav Bar, Side Bar, Filter, List, Modal in Web, Drawer Menu, and many more. Worked on Mobile UI of Views developed by Applane Framework.

5. **WORKFLOW** uses SendGrid, AWS SES, MongoDB, and Applane Framework. Used for sending automatic emails based on events such as new user added, User filling an inquiry form, and the generation of an Invoice. Used for doing marketing campaigns sending emails to leads and sending automatic follow-up based on status like read, replied, positive response, and negative response.

My Responsibilities: Development of UI of workflow and sending emails when events are triggered.

6. **MANAZE** uses Applane framework, Node, Mongo DB, React.js, React Native, and Redux.js. It is an ERP for managing daily tasks, projects, employees, salaries, attendance, etc.

Web App: <https://web4.manaze.io>

Play Store: <https://play.google.com/store/apps/details?id=com.manaze3&hl=en>

App Store: <https://itunes.apple.com/us/app/manaze/id1414182156?mt=8>

My Responsibilities: Develop components and views for Manaze. Also, I worked on using animations in Manaze wherever needed.

7. **EDUCATION** uses Applane Framework, node, MongoDB, React.js, React Native, and Redux.js. It is an ERP for managing various activities of schools e.g. – Attendance of Students and Teachers, Fee Payment, Salaries of staff, Results, etc.

My Responsibilities: Worked on making Report Cards by converting HTML to PDF, and also worked on making HTML from reusable React components and then converting that generated HTML to PDF.