

Shubham Thapliyal

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WORK EXPERIENCE

Crest Data Systems

Software Engineer - Frontend

- Skills: reactjs, sass, typescript, html, css, javascript

Ahmedabad, GJ

(1 year 6 months)

Crest Data Systems

Splunk Admin

- Skills: Core Splunk, Splunk Integrations, AWS (VPC, RDS, SQS, SNS)

Ahmedabad, GJ

(4 months)

Crest Data Systems

Site Reliability Engineer

- Skills: Splunk, AWS (S3, EC2, ASG,) , Git, Puppet, Jenkins, Terraform, Linux

Ahmedabad, GJ

(1 year 6 months)

Crest Data Systems

Software Engineer

- Skills: git, jira, splunk, css, javascript

Ahmedabad, GJ

(3 months)

INTERNSHIPS

PKT Apps Pvt Ltd

Full Stack Trainee

- Skills: core php, bootstrap, javascript, laravel

Ahmedabad, GJ

(2 months)

Crest Data Systems

Software Engineer Intern

- Skills: reactjs, git, jira, splunk, css, javascript

Ahmedabad, GJ

(6 months)

PROJECTS

On Demand Services

Provided On demand support to splunk cloud and on-prem customers. Troubleshoot the issues in their environment, deploy various integrations of splunk in the customer's environment. Configure the applications in the production environments. Create dashboards and visualizations and data onboarding..

Splunk Cloud Operations

Managed customer's production stacks hosted on Splunk cloud environment. Monitor stacks, perform cloud operations, maintenance and deployments in the customer's environment.Used various automation tools like Jenkins, Terraform and Puppet to manage customer stacks. Cloud operations included various tasks like deploy apps/add-ons on the cloud environment, pre-checks to assess stack health, cert renewal, instance health monitoring/scaling/, IP allowlisting, create environments for customers. Troubleshooting issues in the environment.

AWS Usage App (Billing and Usage)

Developed an application in Splunk that tracks usage of an AWS account for services usage and billing incurred. This app can be used by an organization or an individual to track their services usage of AWS in splunk. Created dashboards in Splunk Application. Dashboard has form elements through which the user can enter details and get AWS usage and billing data as per the applied filters.

Leave Management App

Worked on an application that allows users in an organization to manage their leaves. Users can apply for PTO leaves, optional holidays, half day leaves and work from home using this app. Their respective DMs will be notified about the request. Also this app also manages the personal details, skills assessment and designation of an individual within an organization. Home page displays birthdays, leaves, new hires, work anniversary and upcoming events. It also does roster management for support teams working 24x7x365 by which teammates can swap their holidays in order to keep customer deliveries on time.

Cloud Security App

Worked on a SIEM product that tracks activity of an AWS account, audits cloud security policies and displays data of inventory in an interactive format using graphs. AWS logs were collected into 2 different databases. One containing infrequently changing data and other containing activity logs, events, entities and other inventory data. It was used for Security Compliance Management. Users can login and audit data based on account and services. Inventory data is displayed in form of charts and security compliance data in tabular format

PERSONAL PROJECTS (reactjs and vanilla.js)

1. **NewsApp** - Designed a react app that fetches news from an API and displays users the latest news. Added different categories to check news for. Added spinners and loading bars to give UI friendly effects to the app. Used hooks to update the content of the app.
Libraries - react, react-router-dom
2. **iNoteBook** - Designed a react app that allows users to add and maintain their notes. Kept an authentication system to validate the login that only lets the users fetch or modify their notes only. Used context API and middleware.
Libraries - react, react-router-dom
Backend - expressjs, mongoose
Database - MongoDB
3. **Musical Vibes** - Designed a react app that allows users to login and listen to songs. Added subscription option for users, through which they will be able to listen to songs that are premium and store songs in their respective playlists. Uses firebase as a backend application to get paths, title and description for songs. Songs were stored locally and hosted via a public folder.
Libraries - React, context api, react-router-dom
Backend - Firebase
4. **Recipe King** - Designed an app that allows users to login and search for recipes. It also allows users to create custom recipes and upload them to the app. Local storage was used to store the uploaded items and display them to users. Users can bookmark the recipes and access them directly provided that the recipes are owned by them.
Libraries - Bootstrap
HTML, CSS, javascript
5. **Workouts App** - Designed an application that allows users to add their workouts on a map and access them whenever required. Workouts will be added on the map as popups and workout data can be accessed by clicking those popups as well as a list of workouts displayed on the left side. Used local storage for caching the data so that on refresh the data persists on the map.
Libraries - Bootstrap, Leaflet (External library for maps)
HTML, CSS, javascript
6. **Food Cart App** - Designed an app that allows users to browse food and add food items to their carts. Food items were stored in the backend app (Firebase). Whenever an order is placed it gets stored on the backend.
Libraries - React, Context API and custom hooks
Backend - Firebase
7. **Meetups App** - Designed an app that allows users to store their meetups and also browse through other added meetups.
Libraries - React, React router dom, Nextjs
Database - MongoDB atlas
8. **Quotes App** - Designed an app that allows users to browse quotes and add their own quotes. It also allows you to comment on any quote. Stores the quotes in the backend app (firebase) and fetches the data every time from there only.
Libraries - React, Nextjs, React router dom
Backend - Firebase

EDUCATION

Institute of Technology, Nirma University

B. Tech – Information Technology | CGPA: 7.47/10.00

Ahmedabad, India

Graduation Date: June 2020

Baroda High School, O.N.G.C Vadodara

HSC (Class XII) | Percentage: 80.6/100.0

Vadodara, India

Graduation Date: April 2016

Baroda High School, O.N.G.C Vadodara

SSC (Class X) | Percentage: 85.6/100.0

Vadodara, India

Graduation Date: April 2014

SKILLS & INTERESTS

Skills: Programming: *Python, C++, javascript* | Tools: *AWS, Jira, Splunk, Git* | Web Technologies: *Reactjs, HTML, CSS, Bootstrap, SASS* | Devops: *Linux, Jenkins, Docker, AWS*

Interests: Sports, Singing

Languages: Hindi, English, Gujarati