

DIVYA

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PROFESSIONAL SUMMARY

- 9 years of experience in building **full stack web applications** in **Insurance, E-Commerce, Travel, Energy, and Financial-tech** domains.
- Strong experience with modern & vanilla **JavaScript, TypeScript, ReactJS, Redux, ES6/ES7 features, NodeJS, Python, PHP, Microservices, REST APIs, SOAP APIs, GraphQL APIs, Azure and AWS**.
- Built **multi-factor authentication, security and encryption module**, role-based access control, data sync and backup modules.
- Developed **robust interfaces** for **Single Page Applications (SPAs')** using **React, React-Hooks, Redux, and TypeScript** as front end stack.
- Good experience working with **Bootstrap** and **CSS3** media queries to support Responsive Web Design (RWD).
- Implemented **middle-ware** in the applications using **Redux-thunk, Redux-saga and RxJS Observables**.
- Experience in all phases of **SDLC** like **Requirement Analysis, Implementation and Maintenance**, with fast paced Agile development environment and methodologies including Test Driven Development and Scrum with online tools like Jenkins, Bamboo.
- Experience in Preprocessors and template languages like **SASS/LESS**
- Experience in using **package managers** like **npm, yarn** and **task managers** like **Grunt, Gulp and Brunch**.
- Well-versed with **Object Oriented Programming (OOP)** concepts in **JavaScript** with **ES6/ES7** standards.
- Solid Understanding of **HTTP/HTTPS protocols**.
- Experience in working with **3rd party web services** and **RESTful APIs using Node.js** and asynchronous RESTful services. Implemented **MicroServices architecture** for **enterprise level applications**.
- Developed Server-Side code for applications using a wide variety of **Amazon Web Services (AWS)** such as **API Gateway, Serverless Lambda, S3 and DynamoDB** using **Node.js** as the primary server-side language.
- Hosted applications on **ElasticBeanStalk** and **S3** buckets.
- Developed unit test cases in the web-applications using **Jest, Enzyme and Mocha**.
- Implemented **CI/CD pipelines** using **CircleCI, Bamboo, Octopus Deploy and Azure DevOps** across multiple platforms.

EDUCATION DETAILS

Bachelors - Mechanical Engineering - Institute of Aeronautical Engineering affiliated to JNTUH - May 2013
Masters - Information Science - University of North Texas, Denton, TX - May 2018

TECHNICAL SKILLS

Programming	JavaScript, Typescript, Python, PHP, jQuery
Web Technologies	ReactJS, React Hooks, Redux-thunk, Redux, VueJS, D3, Ajax, HTML5, CSS3, Bootstrap4, JSON, SASS, LESS
Frameworks	NodeJS-ExpressJS, Flask, Django
Databases	MySQL, Postgres, MongoDB, DynamoDB
Unit Testing	Jest, Enzyme, Mocha
UX Design Tools	Figma, Moqups, Adobe
Deployment Tools	Azure DevOps, Circle CI, Kubernetes, Octopus Deploy
Cloud Technologies	Azure, AWS, Google Cloud
Methodologies	Agile, JIRA, Confluence, Waterfall
Version Control Tools	Git, Bitbucket, Source Tree
Data Analysis	Pandas, NumPy

PROFESSIONAL EXPERIENCE

State Farm Insurance - Bloomington, IL

Aug 2021 - Dec 2022

Role: React Developer

State Farm's mission is to help people manage the risks of everyday life, recover from the unexpected, and realize their dreams. State Farm is the largest property and casualty insurance provider, and the largest auto insurance provider, in the United States.

Roles and Responsibilities:

- Worked on building client side of **Injury Claims and Claims BI** intranet web applications.
- Implemented **authentication** for **SPAs** using **Microsoft Authentication Library (MSAL)** to acquire **security tokens** from the Microsoft identity platform to **authenticate users** and access **secured web APIs**.
- Developed client side using **1X State Farm components**, **React JS**, **Redux**, **Redux-thunk** and **Material-UI**.
- Used **d3.js** to build **Sankey charts**, **circular charts** and **bar graphs**.
- Worked on establishing **secure API Gateway HTTP endpoints** with **JWT authorizer**.
- Used **React Testing Library** and **Jest for unit testing**.
- Implemented **Analytics** for the web applications using **Adobe Analytics** to track web traffic and user metrics.
- Used **Cache and Cookie storage logic** for meeting certain application requirements.
- Used **GitLab** and **Git Ops** for Continuous Integration and Deployment.

Environment: ReactJS, Redux, Redux-thunk, JavaScript, D3.js, HTML5, CSS3, UI libraries such as - Material UI, Formik, Python, AWS, Terraform, Git.

Aetna, A CVS Health Company - Irving, TX

Feb 2021 - Aug 2021

Role: UI Developer

Aetna, a CVS Health business, is building a healthier world by making healthcare easy and affordable. Aetna is one of the nation's leading diversified health care benefits companies, serving an estimated 46.7 million people with information and resources to help them make better decisions about their healthcare.

Roles and Responsibilities:

- Worked on **building data flow job pipelines** in the **GCP environment**.
- Implementation of **de-identification on sensitive data using de-identification APIs in GCP**.
- Built scripts in python to execute **data engineering jobs**.
- Worked on an Intranet Enterprise Data Platform (EDP) - Audit Balance Control (ABC) Framework web application. Involved in UI/UX planning, design and development of an Intranet Enterprise Data Platform (EDP) - Audit Balance Control (ABC) Framework web application.
- Worked **extensively on developing the client side** of the web app using **React Hooks and Material UI**.
- Followed a **Multi-Step form** approach to build the **end-to-end flow** in the app.
- Used **Git, Jenkins and Octopus Deploy** for **Continuous Integration and Deployment**.
- Worked in **Agile Methodology** for incremental development to deliver better applications.

Environment: ReactJS, JavaScript, HTML5, CSS3, UI libraries such as - Material UI, Formik, Java, Springboot, MySQL, Git, Jenkins, Octopus Deploy.

Chateaux Software - Norwalk, CT

Oct 2019 – Dec 2020

Role: Software Developer

Chateaux is a technology-enabled business agency that help clients drive strategic and operational impact through our expertise in AI, Blockchain, Internet of Things (IoT), Predictive Analytics, Microservices, Application Integration, Mobile Apps, UI/UX Services, Websites & E-commerce, Cloud Migration, Cloud Strategy, Managed Services, Optimization.

Roles and Responsibilities:

- Designed and built full stack **Fin-tech** and **electricity distribution applications** for buying, selling, and creating quotes, tenders with different levels of security and authorization access using **React JS, Redux, Redux-thunk, React Hooks, TypeScript, ES6, Node-Express, REST APIs, SOAP APIs, Block-chain smart contracts** and hosted them using **Kubernetes on Azure**.
- Built **2-Factor-Authentication** modules using **Firebase, Azure ADB2C** and **Twilio** for **SMS services** for **authorization**.
- Implemented **Payment modules** using 3rd party services such as **WorldPay** and **Stripe**.
- Created **data-profiling models** for data analytics using **Azure Data Catalog, Python, Pandas and NumPy**.
- Worked on building **full-stack apps** with **ReactJS, Redux, Node-Express server** and **MySQL database**.

- Built **UI interfaces** using React UI component framework/libraries such as **Material-UI** and **Kendo React Telerik**.
- Developed a custom API layer to handle all **CRUD** transactions and **JWT token management**.
- Maintained high-level expertise in **React state management strategies**, including **Redux**, **Redux Persist** and **Redux-thunk**.
- Extensively used **React Hooks** to perform the application life-cycle processes.
- Projects were implemented by using **TDD** with **Jest framework**.
- Worked closely with clients to establish **business requirements** and **system designs**. Used **Moquup** and **Figma** to collaborate with the **UX/UI wireframe designs**.
- Implemented **Bootstrap** and styled web pages using **CSS preprocessor SASS** and effectively used **functions, custom grid systems, grid-area concepts, and flexbox for a fluid-responsive application**.
- Expertise usage of **Azure DevOps** and **JIRA** as a **version control** and **tracking units**.
- Worked in **Agile Methodologies** for incremental development to deliver better applications.

Environment: ReactJS, Redux, Redux-thunk, TypeScript, JavaScript, HTML5, CSS3, React-Bootstrap, SASS, Node-Express, Block-chain, Hyperledger fabric, MySQL, Jest, Cypress, Visual Studio, Azure DevOps, Azure, Kubernetes.

Zenabi Data LLC - Westport, CT

Jan 2019 – Oct 2019

Role: Software Engineer

Zenabi is a technology start-up company that delivers high-value data science and Artificial Intelligence solutions to clients. It helps clients find simple solutions that can boost profitability, increase competitive advantage, and maintain security.

Roles and Responsibilities:

- Developed travel websites and e-commerce shopping applications which allows users to **book hotels, flights, and cars** at great deals using **React JS, Redux, RxJS Observables as middleware** for handling the **async calls**.
- Experience working with web design tools such as **Adobe Photoshop, Sketch and Mockup**.
- Worked on the **client-side development** of social influencer applications using **HTML5, CSS3 and JavaScript**.
- Built custom **UI components** using **ReactJS, React-Hooks, Shopify** using **Liquid templating language**.
- Developed various screens for the front-end utilizing **ReactJS** and utilized different predefined components from **NPM (Node Package Manager)** and **Redux library**.
- Worked on **optimization of React components** by applying suitable **Component Life Cycles**.
- Integrated **React Redux framework** to scale and keep up the application better while dealing with the huge amount of data.
- Created **TypeScript reusable components** and services to consume REST API's using Component-based architecture provided by **Angular 4**.
- Implemented **HTTP requests using RxJS Observable library** to handle multiple values over time.
- Utilized **React Router** for routing the redux app to connect redux and react to support routes.

- Used essential features of **Node.JS**, exporting and importing various modules, essential utilities including **URL, Events, Crypto, Path, File System and String Decoder**.
- Created **Serverless functions** using **AWS** services such as **API Gateway, Serverless Lambda, S3** and **DynamoDB**.
- Built **email templates** and integrated using **Mailchimp** to **automate email alerts**.
- Integrated **Matomo APIs'** in application code to **track web analytics**.
- Hosted applications on **Elastic Beanstalk** and **S3 buckets** on **AWS** using **Circle CI**.

Environment: Angular 4, HTML5, CSS3, Styled-JSX, ReactJS, Redux, Redux-Saga, RxJS Observables, TypeScript, JavaScript, Node-Express, Python, PHP, PostGres, Enzyme, GitHub, CircleCI, AWS.

MetLife - Cary, NC

Aug 2018 – Dec 2018

Role: UI Developer

MetLife is one of the world's leading financial services companies, providing insurance, annuities, employee benefits and asset management to help its individual and institutional customers navigate their changing world.

Roles and Responsibilities:

- Developed various UI components for a **Paperless-insurance banking** application using scalable **JavaScript-JSON** based in-house framework called **REMIX JS**.
- Implemented **Niaki Checks/Rules & resolved** more than **7000 bugs as a team** across **21 screens** based on client requirements.
- Gained knowledge in implementing **design Patterns** like **MVC, Singleton and Factory Pattern**.
- Performed **client side API integration** using services from **server-side code** scripted in **Java**.
- Developed various **forms, tooltips, menus, tabs, widgets** that support **drag-and-drop, animated effects, data and time selector and many others** using **ReactJS**.
- Responsible for **checking cross browser compatibility** and hence worked on different browsers like **safari, Internet explorer, Firefox, and Google chrome**.
- Responsible for **styling UI components compatible on tablets**.
- Experience working closely with **Business Analysts and Product team** in understanding the technical requirements.
- Worked with **QA team on a daily basis** in fixing the reported **bugs/defects** and checking cross platform compatibility.
- Worked in teams where requirements were constantly being implemented and tested and code pushed to **continuous integration** and **deployment tools that ties automated builds, tests, and releases together** in a single workflow such as **Bamboo**.

Environment: HTML5, CSS3, REMIXJS (in-house framework), ReactJS, Redux, JavaScript, Node-Express, Java, Oracle, Jenkins, Bitbucket, Bamboo.

Tango Analytics - Irving, TX

Jan 2017 – Apr 2018

Role: UI Developer

Tango's cloud-based Software-as-a-Service (SaaS) solution, brings together predictive analytics with purpose-built GIS and location development execution to bridge the gap between thinking, knowing and acting. Tango helps you see and analyze all the available opportunities, pick the right sites and open them faster.

Roles and Responsibilities:

- Involved in **ReactJS, RXJS, NodeJS, ES6/5** for developing UI.
- **Analyzed Management needs** and designed the application to match **perfect visualization**.
- Created different components using **React lifecycle components** in web applications..
- Used **Webpack** and **NPM** to manage dependency graphs.
- Developed **Validation forms** using JavaScript.
- Tested React components and applications using **Jest and Enzyme**.
- Used **GIT** for version control.

Environment: HTML, CSS, JavaScript, ReactJS, NodeJS, Typescript, ES6/5, NPM, Webpack, No SQL, GIT, Jest and Enzyme.

Cyient Ltd – Hyderabad, India

Aug 2013 – Jun 2016

Role: Front-End Developer

Roles and Responsibilities:

- Worked on in-house e-learning application for employees to pursue online skill development courses with features inclusive of **adaptive assessment engine, usage reward management and progress analytics**.
- Developed Front-end modules with **JavaScript, jQuery, Bootstrap, HTML and CSS**.
- Built Analytics dashboards using **C3.js and D3.js, ReactJS, Bootstrap**.
- Involved in **Software Development Life Cycle (SDLC)**, implemented user interfaces using **HTML, CSS, and JavaScript for Client-side validations**.
- Involved in writing **application level code** to interact with **APIs, Web Services using AJAX, JSON and jQuery**.
- Experienced in working with **RESTful Web Services** and **understanding of HTTP and REST architecture**.

Environment: HTML5, CSS3, jQuery, ReactJS, JavaScript, PHP, MySql.

ACADEMIC PROJECTS

- **Live Chart** – Developed a **live dashboard visualization graph** to display **real time data** which publishes new values for every **1.3 seconds**, using **React, Redux, Redux-Saga, Material-UI, React Plotly and GraphQL**.

- **Data mining using SAS Enterprise Miner:** Prediction of IMDB Score using predictive models - Developed predictive models using **SAS Enterprise Miner**. Incorporated **regression analysis, decision trees and cluster analysis for predicting models**.
- **Traffic Analysis Data:** Analyzed and predicted the traffic data in specific counties based on historical data. Developed results using **Pandas** and plots using **matplotlib** libraries in **Python**.
- **Online Community Forum:** Full-stack application developed for users to create queries and search for answers on the website, using **HTML5, CSS3, JavaScript, PHP, and MySQL**.