MITUL CHOTHE

FULL STACK DEVELOPER

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PROFESSIONAL SUMMARY

- ✓ Having around **8 years** of professional experience as a **Front end** and **Full Stack Developer** using **MERN**
- ✓ (**MongoDB**, **ExpressJS**, **ReactJS**, **NodeJS**), **MEAN** (**MongoDB**, **Express**, **AngularJS**, **NodeJS**) **stack.**
- ✓ Worked with Functional **Programming**, **Object-oriented programming,** and other **paradigms** with TypeScript and JavaScript – ES5/ES6/ES7/ES8.
- ✓ **3+ years** of experience in building robust web applications using **TypeScript**. Developed and maintained large-scale web applications using **TypeScript, Angular, and RESTful APIs**.
- ✓ Used TypeScript with React Router, defining strongly typed routes and route parameters.
- ✓ Employed TypeScript utility types, such as Pick, Partial, and Read-only, to manipulate and transform types in React components.
- ✓ Experience with **ReactJS** reusable components, **React-Router** for developing **SPA**, **JSX** for templating and working with **props, state, keys, refs, events, props validation,** and React **component life cycle** for state management and DOM manipulation.
- ✓ Experience with **React hooks** - **useState, useEffect, useContext, useMemo, useRef,** and **useReducer.**
- ✓ Used **Redux** for State Management using **Store, Actions,** and **Reducers**. Used **pure functions** tocreate reducers.
- ✓ Hands-on experience with **React Native** and **Native Router** for developing **SPA with ES6 and Jest.**
- ✓ Created **SPA** using **React-Router** - Used **BrowserRouter** for Web and **NativeRouter** for **mobile**.
- ✓ Experience with **NodeJS, ExpressJS, MongoDB, Grunt, lodash, promises, async, request, body-parser, fs, events, Socket.IO, Passport, Mongoose and Redis for caching.**
- ✓ Experience in developing **Mean Stack** (**MongoDB, Express, AngularJS, NodeJS)** using **UI- router, Modules**, **Services**, **Controllers** and **custom directives** using **Angular-UI** components (**UI-Grid, UI-Bootstrap**, **UI-Calendar**, **UI-Date**, **UI-Layout**), **services ($resource**) and **REST API's**.
- ✓ Extensive experience with **JavaScript (ES5/ES6/ES7/ES8)** – **closures**, **scope**, **promises**, **function** expressions, hoisting, block **scoping**, arrow **functions**, **rest** and **spread**, **classes**, **async** and await.
- ✓ Proficient in **HTML5** new features like Form **Validation**, **Media (Audio & Video), Canvas, SVG, Web Worker, Local Storage, Session Storage, Web Socket, Application Storage (Offline) and IndexedDB API.**
- ✓ Experience in UI designing with **Bootstrap, Media Queries, Fluid Layout, Responsive Images, Typography, Google Analytics, Google Performance Metrics, Lazy loading, CSS3** preprocessors like **SASS, JavaScript, and JQuery** scripting technologies.
- ✓ Experience with **SVG** and **Sprites** and worked with icon-set **Font Awesome**.
- ✓ Experience in **JavaScript** and **node unit** testing library frameworks such as **Mocha, Chai, Jasmine, Karma, and Jest and** used **Nightwatch.js** for Automation Testing**.**
- ✓ Experience with **Grunt, Babel and Webpack** transpiring, bundling, minification, compilation and

linting and **ESLint** for code cleaning.
- ✓ Collaborated with cross-functional teams in daily stand-ups, sprint planning, backlog grooming, and retrospective meetings to achieve project goals.
- ✓ Deployed applications on AWS cloud infrastructure, leveraging services such as EC2, S3, Lambda, RDS, and CloudFront.
- ✓ Implemented CI/CD pipelines using tools like Jenkins or AWS CodePipeline to automate build, test, and deployment processes.

EDUCATION

- **Master of Computer Applications (MCA),** Pune University, Maharashtra, India (2012)
- **Bachelor of Computer Applications (BCA),** Swami Ramanand Teerth Marathwada University, Maharashtra, India (2009)

TECHNICAL SKILLS

Web Technologies	HTML4/HTML5, CSS2/CSS3, SASS, XML, Bootstrap, JavaScript (ES5/ES6/ES7/ES8), jQuery, NodeJS, ReactJS, React Native, Ajax, ExpressJS, JSON, AngularJS, Jasmine, MongoDB.
Tools and IDEs	WebStorm, Visual Studio Code, Notepad++.
Application Server	NodeJS
Version Control	GIT
Operating System	Windows, Linux, and Mac OS
Programming languages	JavaScript, TypeScript
Database	SQL queries and MongoDB, Postgres.
Libraries	ExpressJS, Request, jQueryUI, ReactJS, Material-UI, Video.js, Lodash, Async, Google Fonts, Socket.IO, Mongoose, Google Maps.

PROFESSIONAL EXPERIENCE

InnovaPath, INC.

Client: Choice Hotels, Phoenix, AZ   **Sept'2022 – Present**
Position: Full Stack Developer
Description: Worked on the back-office application which is used by the support people. I worked on modules such as Profiles, stay, and redeem points/promotion. The profiles module contains personal details. The stay module contains the location, duration of stay, check-in/check-out, and number of Rooms and occupants; if the customers have any issues with these, they can call the support people to update the fields.

Responsibilities:
- ✓ Proficient in the **MERN** (MongoDB, ExpressJS, ReactJS, and NodeJS) stack with ES6, creating scalable
- ✓ and efficient web applications.
- ✓ Extensive experience in **ReactJS**, utilizing advanced features like Fragments, Return Types, Error
- ✓ Boundary, Static Methods, React Suspense/Lazy, and React Profiler.
- ✓ Developed reusable and modular components in **ReactJS**, leveraging props, state, life cycle methods,

- ✓ DOM event handling, forms, and Context API.
- ✓ Utilized **TypeScript** to ensure strong typing and enhanced type safety in React components, including
- ✓ interfaces, generics, and utility types.
- ✓ Implemented **Redux** for state management, using actions, reducers, and pure functions to handle
- ✓ application state with Redux middleware (redux-thunk).
- ✓ Worked with Node.js and Express.js to build RESTful endpoints, utilizing frameworks and libraries
- ✓ such as Body parser, cluster, winston, redis, jwt, mongoose, lodash, and async.
- ✓ Implemented **MongoDB** using Mongoose Schema/Model for efficient data storage, retrieval,
- ✓ and manipulation in conjunction with Express.js controllers.
- ✓ Proficient in CSS3 preprocessors like SASS, utilizing features like variables, mixins, nesting, and
- ✓ import for enhanced styling capabilities.
- ✓ Experienced in testing React applications, utilizing tools like Jest and Enzyme, along with creating
- ✓ proof of concepts (POCs) using React Native.
- ✓ Worked with CI/CD processes using Git, Gerrit, Jenkins, Docker, and **AWS**, including deploying
- ✓ applications on **AWS** infrastructure and leveraging services such as EC2, S3, Lambda, RDS, CloudFront, Elastic Beanstalk, or **AWS** Amplify.
- ✓ Actively participated in **Agile** methodologies, collaborating with cross-functional teams to ensure
- ✓ efficient project management and delivery.
- ✓ Actively participated in **Agile** methodologies, such as Scrum or Kanban, to ensure efficient project
- ✓ management and delivery.
- ✓ Implemented CI/CD pipelines using tools like Jenkins or **AWS** Code Pipeline to automate build, test, and deployment processes.

Environment: ReactJS, Redux, React Native, Jest, Enzyme, JavaScript, Lodash, ExpressJS, NodeJS, MongoDB, Mongoose, Redis, TypeScript, Winston, PM2, Webpack, Babel, Gerrit, Git, Jenkins, Docker, AWS, HTML5, CSS3, SASS.

Client: Autodesk Inc., San Francisco, CA   **Jan'2022 – Aug'2022**
Position: ReactJS Developer
Description: Autodesk is a leading corporation that makes software for architects, engineers and for 3d animators. I worked as a UI Developer engineer in Autodesk who is responsible for Admin Tool and API's to maintain and develop different services which are required for E-commerce Websites. Worked as the tester before new feature setups went live. Offerings, Subscriptions, Promotions, e-Stores, Purchase Orders etc. had to be checked for consistency and correctness. Other duties involved once the story is tested, I automate it which is a part of acceptance criteria of the story to be closed.

Responsibilities:
- ✓ Exposure to **ReactJS** for building highly interactive user interfaces and **Redux** for state management with **ES6** syntax and **JSX** templates.
- ✓ Created a single page application using **ReactJS** and used **react-router** to interact between the pages.
- ✓ Created reusable components with **React.js**. Used **JSX with ES6** to define components.
- ✓ Worked with the react component life cycle for state management and **DOM manipulation**.
- ✓ Used **Redux** for state management. Created **reducers** with pure functions and **actions** to dispatch events and **stores** to maintain the state.

- ✓ Used **Redux middlewares - redux**-form, **redux**-**logger**, react-redux, redux-thunk, redux- local storage.
- ✓ Used **third party react components -** react-video, react-select, react-tagsinput, react-datagrid, react-panels, react-calendar.
- ✓ Worked with **Promises, Fetch API** and **async and await** to avoid callback hell and fetch server data.
- ✓ Worked with **Higher-Order Components (HOC)** for reusing component logic.
- ✓ Used **Bootstrap 3** for mobile-first responsive design and typography and **Bootstrap CSS Grid System** to create responsive layouts, navigation, and tables.
- ✓ Experience with **Babel, Webpack** to perform transpiling, bundling, minification, compilation and linting.
- ✓ Created **POC** using **Jest** and **Enzyme** for testing React applications.
- ✓ Worked in **CI/CD** process with **Git, Gerrit, Jenkins and AWS.**

Environment: React.js, Redux, React-Router, JavaScript, TypeScript, Webpack, Babel, Gerrit, Git, Jenkins, AWS, HTML5, CSS3, Bootstrap, Jest, Enzyme.

Client: TalentScreen - Dublin, CA   **Jul'2020 – Dec'2021**
Position: UI Developer
Description: TalentScreen is a comprehensive website that helps recruiters achieve staffing objectives and evaluate job candidates. It contains distinctive modules like Profile, Subjects, Quiz, and Video Tests. Diverse users can access this application. Candidates can take tests and check their knowledge. Recruiters can find profiles for open work positions.

Responsibilities:
- ✓ Used AngularJS as a framework to create a Single Page Application (SPA) which binds data to views and synchronizes data with the server.
- ✓ Used UI-Router module, which is state based for multiple views and encapsulated each with a controller for reusability throughout the application.
- ✓ Used AngularJS dependency injection to inject different Angular Services as well as custom Services, also built several custom Directives to provide reusable components.
- ✓ Good with scope isolation, transclude, templating, in creating (elements, attributes, classes) using custom directives.
- ✓ Used Promise, specifically $http and $q service, to asynchronously fetch data from backend to speed up frontend view rendering.
- ✓ Used Angular JS framework to bind HTML (views) to JavaScript objects (models).
- ✓ Implemented various $scope methods $watch (), $digest () and $apply () in order to implement two-way data-binding by using AngularJS.
- ✓ Used Directives for the DOM manipulations and Filters for formatting decimal places and pagination.
- ✓ Used link function to define directive's API and attached event listeners to DOM elements, watching model properties for change, and updating the DOM.
- ✓ Used CSS sprites to decrease the number of HTTP requests and load time of web pages to improve page performance.

- ✓ Used Mobile-first responsive grid layout using Bootstrap 3. Extensively used Media Queries, Fluid Layout, Responsive Images and Typography.
- ✓ Implemented CSS3 features like CSS3 Media Queries, Pseudo Classes, multi-column layout, gradients, and web fonts.
- ✓ Used Grunt as a build tool for post-development activities like minification, concatenation etc.
- ✓ Understanding the concepts of continuous integration using the tool Jenkins and fixing the bugs quickly encountered in continuous builds.

Environment: HTML5, CSS3, Bootstrap 3, JavaScript, DOM, Ajax, JSON, AngularJS, Angular UI, Restful API, Grunt, Jenkins

Client: American Airlines, Fort Worth, TX   **Apr'2019 – Jun'2020**
Position: UI Developer

Description: American Airlines is a leading Air transportation company in the United States that provides services all over the world. I was part of global sales ecommerce platform, for the customers to purchase tickets and booking services. This project aimed to develop existing software programs & integrate cross browser compatible applications.
Responsibilities:
- ✓ Developed websites using **HTML, CSS, JavaScript, jQuery, JSON and AJAX**.
- ✓ Used jQuery UI controls as Accordion, Tabs, Dialog and used **jQuery** mobile data attributes to create mobile friendly pages.
- ✓ Extensive experience with **jQuery, jQuery UI and jQuery Mobile** – **CSS3** Selectors, **Sizzle API, DOM** traversal, manipulation and event handling.
- ✓ Worked on various mobile frameworks like jQuery mobile.
- ✓ Used **jQuery** UI widgets like auto-complete, date-picker to enhance the usability, functionality, and overall experience.
- ✓ Performed client-side validations over the forms using **JavaScript**.
- ✓ Used AJAX to refresh only a certain section of the page and reduce the load on the web server.
- ✓ Used JavaScript DOM manipulation and JavaScript events to generate the data result in UI.
- ✓ Used **JSON** objects effectively for efficient client-side coding.
- ✓ Used http requests using $. Ajax and used promises.
- ✓ Used Cascading Style Sheets to separate presentation from the structure and also defined text alignment, borders, positioning and many other typographic characteristics.
- ✓ Experience on working with CSS Background, Layouts, positioning, text, border, margin, padding, table, Pseudo classes and Pseudo elements.

Environment: ReactJS, HTML5, CSS3, jQuery, jQuery UI, **JavaScript**, AJAX, IIFE, JSON.

Tech Mahindra, MH, India
Position: UI Developer   **Sep'2014 – Jul'2018**
Description: Tech Mahindra is a multinational technology conglomerate that develops, manufactures, and sells networking hardware, telecommunication equipment, and other high-technology services and products. Through its numerous subsidiaries, such as OpenDNS, Specializes in specific tech markets, such as internet of things (IOT), domain security, and energy management.

Responsibilities:
- ✓ Involved in creating dynamic website design and programming using HTML, CSS, JavaScript, and

jQuery.
- ✓ Implemented jq-Grid with JSP for creating list and detail popups on all admin pages.
- ✓ Extensively used jQuery UI components inside list and detail pages - Accordion, Autocomplete, Dialog, Menu, Tabs, and Tooltip.
- ✓ Extensively worked with jQuery animations and created custom plugins using jQuery.
- ✓ Implemented printable chart report using HTML, CSS and jQuery.
- ✓ Developed and maintained the layouts using CSS for all intranet applications compliant with W3C.
- ✓ Extensively worked with jQuery animations and created custom plugins using jQuery.
- ✓ Implemented client-side form validations using JavaScript and JSP.
- ✓ Utilized JavaScript and jQuery to improve overall design and to update a portion of a GUI page thus reducing bandwidth usage and load time in web pages to get user input and requests.
- ✓ Created HTML pages from mock-ups and visual wireframes, worked closely with the design / product team.
- ✓ Developed JavaScript, HTML and CSS web pages and wrote SQL database Queries.
- ✓ Integrate each View with the backend using AJAX pattern and jQuery.
- ✓ Tested cross browser compatibility to ensure the look and feel of the UI designs worked the same in various versions of different browsers (IE, Firefox, Google chrome, Safari and Opera).

Environment: HTML, CSS, DOM, DHTML, XHTML, CSS, JavaScript, jQuery, jQuery UI, AJAX, JSON, Restful API.