Chandu Marru
chandum9292@gmail.com
929-257-8390
LinkedIn- https://www.linkedin.com/in/chandu-r-0a0378275/

PROFESSIONAL SUMMARY

- I have around 4+ years of front-end development and have experience in Developing User Interface (UI) Rich Web Applications using Front End/User Interface (UI) Technologies using HTML, HTML5, CSS, CSS3, JavaScript, DHTML, DOM, XHTML, jQuery, Ajax, JSON, React JS, Flux, and Angular JS, Node.js throughout my career.
- Solid expertise in developing HTML pages based on DIV layout, W3C Compliance, Web 2.0, Web Accessibility, Web Usability, and Cross browser platforms.
- Worked with React.js Virtual DOM and React views, rendering using components.
- Implemented various screens for the front end using React.js and various predefined components from NPM (Node Package Manager), browser, and redux library for Dependency management.
- Proficient in using AJAX for implementing dynamic web pages where the content was fetched via API calls and updated the DOM (JSON Parsing).
- Experience in all phases of SDLC like Requirement Analysis, Implementation, and Maintenance, and extensive experience with Agile and SCRUM.
- Built real-time analytics dashboards using React for the front end and Express.js for data collection and API endpoints, providing users with live data insights.
- Expertise in using Middleware, Redux-Promise to retrieve data from Back-End and to also perform RESTFUL services.
- Expertise in implementing easy-to-use Bootstrap plugins for building carousels, accordion, modal windows, etc. Extensive knowledge of developing single-page applications (SPAs).
- Proficient understanding of client-side scripting and JavaScript frameworks, including jQuery, Underscore, Prototype, Backbone.js, Angular, React, etc.
- Proficient in using Jest, a comprehensive JavaScript testing framework, to write and execute unit, integration, and end-to-end tests for web/Mobile applications.
- Experienced in working with Node.js and NPM modules like HTTP-server, Marathon, inquirer, path, mongo DB, Micro Services, Request, Elastic Search, express, luck, spark, and templating engines.
- Experience in integrating third-party plugins and modules into CMS environments, extending functionality, and enabling additional features without extensive custom development.
- Good Understanding of Document Object Model (DOM) and DOM Functions.
- Experience with Firebug for Mozilla, Developer Toolbar for Chrome, IE Developer Toolbar for Internet Explorer, and Safari Web Developer.
- Expertise in using Middleware, Redux-Promise to retrieve data from Back-End and to also perform RESTFUL services.
- Solid expertise in developing user interfaces (UI) for web applications, ensuring compliance with W3C standards and cross-browser compatibility.
- Experienced in Agile and SCRUM methodologies, with involvement in all phases of the software development lifecycle (SDLC).
- Skilled in integrating third-party plugins and modules into CMS environments to extend functionality and enhance user experience.
- Excellent problem-solving skills and ability to collaborate effectively with cross-functional teams.
- Implemented EcmaScript6 (ES6) arrow functions, constants, block-scope variables, and class inheritance.
- Proficiently applied SCSS for responsive design, using media queries to adapt layouts and styles to different screen sizes and devices.
- Mobile Development with Flutter, Android and Swift for native and cross-platform application Designing, Developing, Implementation and troubleshooting of applications.
- Experience with change control processes and systems for managing changes in project development.
- Specific experience working with financial services, particularly in areas related to loans, mortgages, or mortgage-backed securities.
- Direct experience with mortgage-related systems or mortgage-backed securities.
- Familiarity with Mendix or similar low-code development platforms.
- Detailed examples of project deliveries, including outcomes and successes in various roles.
- Experience using Python, particularly for building APIs, data analytics, or automation.

- Influence and leadership in diverse teams, especially in mentoring junior developers or leading teams.
- Clear demonstration of motivation as a self-learner, keeping up-to-date with evolving technologies.
- Experience related to financial investments, particularly during the time at Citizens Bank or other relevant roles.
- Familiarity with policies, particularly regarding regulatory requirements or internal development processes.
- Experience with risk management, either in security risks related to web development or financial risks in previous roles.
- Good knowledge in working with databases like Oracle, MS SQL Server, PCF, MySQL, PL/SQL(Oracle), PostgreSQL, NoSQL, Mongo DB, and Cassandra along with web application servers like Apache Tomcat, Web logic, etc.
- Managed project dependencies using package managers like npm or yarn, ensuring a reliable and secure foundation for application development.
- Worked seamlessly with cross-functional teams, including designers, product managers, and quality assurance, to align development with overall project objectives.
- Proficient in using Django Rest Framework to build robust and scalable RESTful APIs.
- Experienced with Linux system administration, DevOps, AWS cloud platform, and PCF.
- Proficient with various IDEs like Eclipse, Android Studio, Notepad++ and Dreamweaver
- Proficient in working with web application's UI testing frameworks such as Karma, Jasmine, Protractor for Angular JS, Mocha, and Chai for React JS and Backbone JS.
- Experience in Version Control tools like GIT, and SVN for Source Code version management.

TECHNICAL SKILLS

UI Web Technologies:	HTML4/5, CSS3, SASS, LESS, JavaScript, Typescript, jQuery, WordPress, JSON, Bootstrap, React JS, Redux, ES6
IDE, HTML Editor:	Web Strom, Web Matrix, Bonita, Sublime, Dreamweaver, Eclipse, and Notepad++.p
Databases:	MONGO DB, PostgreSQL, Spunk data storage (Big data), Oracle 8i, 9i, 10g, SQL Server 2000, 2005 & 2008; IIS 6.0/7.0
Frameworks:	React JS, Node JS, Angular JS
Languages:	C, C++, JAVA, MySQL, C#, PL/SQL, VB.Net, ASP.Net, web Services.
Testing Tools and Logging Frame Works:	Junit3.8/4.0, Load runner, Jasmine, Easy Mock, Manual Testing.
Debugging Tools:	Firebug, IE Tester, Chrome Elements Inspector
Application/webservers:	IBM Web Sphere, Apache Tomcat, BEA Web Logic 8.1, J Boss, HTTP Web Server.

PROFESSIONAL EXPERIENCE:
Client: Citizens Bank- New York, NY   **Aug 2023 -Till date**
Role: React Developer
Responsibilities:
- Developed screens for Citizens Bank's portal using HTML5, CSS3, SASS, JavaScript, jQuery, and AJAX.
- Leveraged ES6 features to write modern, concise, and readable JavaScript code, enhancing development efficiency and code maintainability.
- Developed RESTful API for front-end API usages.
- Skilled in integrating external APIs and services into React applications.
- Experience in writing unit tests, integration tests, and end-to-end tests for React applications using tools like Jest.
- Implemented View Model patterns in creating and managing Views, Partial view models, Web APIs using ASP.NET MVC, and Custom error pages.
- Implemented complex routing patterns and middleware stacks in Express.js, utilizing techniques like route parameter validation and dynamic middleware loading.
- Experience with debugging and troubleshooting React applications using tools like React Developer Tools.
- Used React 16.8's new feature Hooks to rewrite/refactor front-end applications.
- Implemented dynamic content rendering by integrating CMS-provided functions and shortcodes into templates, enhancing the user experience.
- Developed and maintained mobile applications using React Native and Flutter, integrating payment systems and optimizing performance.

- Proficient in functional components and the latest React hooks, such as useState, useEffect, useContext, and custom hooks, to manage state and side effects effectively.
- Implemented responsive design principles with media queries and flexbox/grid layouts, ensuring seamless user experiences across various devices.
- Proficiently integrated Redux for centralized state management, enabling consistent data flow and state synchronization across the application.
- Implemented CORS [cross-origin resource sharing], allowing requests through hosts and JSON formats for sending data.
- Designed and developed Microservices using Node.js and communication protocols like HTTP or AMQP, allowing for modular, scalable, and loosely coupled applications.
- Worked with JSON web tokens for authentication and authorization security configurations using Node.js.
- Created prototypes with component-based rendering using Web Packer bundler and Babel Transpiler.
- Implemented multi-threading using Node.js worker threads to perform computationally intensive tasks concurrently, optimizing resource utilization.
- Employed caching, image optimization, and lazy loading techniques within CMS setups to enhance website performance and reduce load times.
- Developed and maintained Dart-based modules for mobile applications, leveraging Flutter for cross-platform development at Citizens Bank, enhancing the user experience across iOS and Android devices.
- Utilized Dart's asynchronous programming features to manage API requests and real-time data synchronization for financial applications at Citizens Bank.
- Integrated Redux DevTools for real-time debugging and time-traveling through state changes, improving the development and debugging process.
- Developed theme-switching functionality by using SCSS variables and conditional styles, providing users with options to personalize the application's appearance.
- Investigated the feasibility of integrating Flutter for specific features requiring advanced animations and custom UI elements in the mobile applications developed for Citizens Banks customers.
- Strong understanding of testing best practices, including test-driven development (TDD) and behavior-driven development (BDD) methodologies, to ensure robust and reliable React applications.
- Strong problem-solving skills and ability to efficiently troubleshoot and resolve complex issues in React applications, ensuring optimal app performance and user experience.
- Created and deployed code on cloud platforms such as Amazon Web Services (AWS).
- Working experience with AWS services: Lambda, EB, CloudFront, SNS, and Docker Containerization.
- Experience in deploying Elastic Beanstalk applications to various environments on AWS.
- Developed complex UI interactions and workflows by combining multiple hooks, promoting modular and maintainable code.
- Implemented GraphQL endpoints alongside existing RESTful APIs to offer more flexible data fetching options for client applications.
- Collaborate with Agile teams to design, develop, and support technical solutions using Node.js, Angular, and AWS services.
- Utilize programming languages like Node.js, Angular, and Open-Source RDBMS and NoSQL databases.
- Share expertise in tech trends, experiment with modern technologies, and mentor other team members.
- Collaborate with product managers to deliver cloud-based solutions for financial empowerment.
- Utilized Next.js data fetching methods like getStaticProps and getServerSideProps to pre-render React components on the server, optimizing initial page load times for users.
- Customized and extended Material-UI components to maintain a consistent design language across the Citizens Banks portal while adhering to brand guidelines and accessibility standards.
- Investigated the feasibility of integrating Flutter for specific features requiring advanced animations and custom UI elements in the mobile applications developed for Citizens Bank customers.
- Established automated CI/CD pipelines using Jenkins to streamline the deployment process for the Citizens Bank portal, ensuring faster delivery of features and bug fixes to production environments.
- Evaluated the suitability of Recoil for managing local component state in React applications, particularly for scenarios requiring shared state between sibling components without the overhead of a global store.
- Explored micro-frontend architecture patterns and evaluated tools like single-spa for modularizing the frontend codebase of the Citizens Bank portal, enabling independent development and deployment of individual features.

Environment: HTML5, CSS3, SASS, JSON, React, React Native, Redux, JavaScript, TypeScript, React Hooks, SCSS, CMS, Material-UI, Jest, Axios, ES6, React HOC, React Async Await, React Promises, Saga, Thunk, JWT, Ag-grid,

Jenkins, AWS Services: Lambda, S3, EC2, Elastic Beanstalk (EB), CloudFront, SNS, DynamoDB, Docker Containerization, AWS ALI (Assume Lambda Invocation), React Native Debugger, Flipper

Client: Vision Wings Software Pvt Ltd, Hyderabad, India.   **June 2018 – Nov 2021**
Role: Software Developer
Responsibilities:

- Translate designs provided by the UI creative design team into functional user interfaces, ensuring cross-browser compatibility and performance.
- Designed and developed a user-friendly interface using JavaScript, HTML, CSS, jQuery, and Bootstrap.
- Designed flash plugins for including different functionalities and content.
- Worked on integrating jQuery APIs with MVC pattern.
- Used AJAX frameworks like jQuery, and JSON to develop rich GUIs and was involved in performance tuning the website.
- Involved in bug fixing on functionality, performance, and designing issues with JavaScript and jQuery.
- Designed XML files for maintaining contents like video, images, and audio and displayed them in the Flash application.
- Involved in debugging HTML, CSS, and JS code using tools such as Chrome Inspector, and Firefox Firebug.
- Handled browser compatibility issues in browsers such as IE, Firefox, and Chrome.
- Maintain cross-browser compatibility and implement Responsive Design custom media queries.
- Used Grunt with Grunt file to minify the JS file in the whole application.
- Prepared Unit and System Testing Specification documents and performed Unit and System testing of the application.
- Translated designs into functional user interfaces using JavaScript, HTML, CSS, jQuery, and Bootstrap.
- Collaborated with stakeholders to ensure cross-browser compatibility and performance.
- Utilized Grunt for JS file minification and Jasmine for unit testing.
- Developing XML classes for loading the data from XML files deployed at the server.
- Worked with Jasmine in testing and performed Unit testing and execution testing utilizing JUNIT.
- Extensively used Bootstrap framework and developed multiple UI components as well.
- Developed UI pages using media queries and made completely responsive.

Environment: JavaScript, HTML, CSS, XML, JSON, AJAX, jQuery, JUNIT, Bootstrap, Grunt, Git, Jasmine.

Education:
Bachelor's in computer science, Sri Indu College of Engineering & Technology, 2014-2018.
Master's in computer science, Marist College, 2022-2023.