**Abhay**

**Sr. Front End Developer**

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**Summary**

10+ Years Experienced and highly motivated React frontend developer with hands-on development skills in Java, JavaScript, Mobile and web development frameworks.  Successfully implemented and delivered complex business critical projects for the clients in Financial, telecom, retail and life sciences pharma domains.  Helped clients in  IT modernization and migrating to cloud technologies.

Worked with distributed teams across geographies with critical thinking and problem-solving skills and Strong interpersonal and excellent verbal and written communication.

**Key Skills & Expertise**

**Hybrid Cloud Platforms**: Amazon Web Services (AWS), Microsoft Azure, Google

**Programming Languages & Frameworks**: React, React Native, NEXTJS, JEST, Angular, JavaScript, Typescript, NodeJS, JAVA, IONIC

**Software/Databases**: Docker, Kubernetes, gRPC, Protobuffer, Web Sockets Api, REST, JSON, Apache, git, Cloud Pub/Sub, NoSQL, MySQL, MongoDB, SQLite, Firebase, CouchDB, Postgres, Azure Cosmos,

**Methodologies**: SDLC, Agile, Scrum,

**Mobile Platform**: Android, IOS

**Testing:** React Testing library, JEST, Enzyme, Cypress, ADA, JAWS, AMP Tool, Access Assistant

**Education and Certifications**

Master of Technology, Computer Science and Engineering DIT, Uttarakhand Technical University, Dehradun

Blockchain Developer Nanodegree, UDACITY

AWS Certified Cloud practitioner

**Experience**

**Client: Bank of America Feb 2024 – Present**

**Role: Sr Software Engineer (Charlotte, NC)**

* Collaborated on a bank's official web-based application for performance monitoring and reporting.
* Designed and implemented accessible React JS and TypeScript components.
* Worked for 100% AA compliance and WCAG 2.2 accessibility standards, including custom ADA compliant charts.
* Conducted code reviews, optimizing for performance and quality.
* Managed deployments using Ansible and code pipelines.
* Optimized backend processes in Java Spring Boot.
* Actively engaged in Agile methodology, including daily Scrums, Sprint reviews, and retrospectives.
* Conducted performance tuning to enhance the application's efficiency.
* Contributed to Sprint planning, reviews, and retrospectives for iterative development.
* Collaborated with cross-functional teams to ensure seamless integration of new features.
* Implemented performance tuning techniques to improve application efficiency.
* Debugged and resolved complex issues to maintain smooth application performance.
* Followed best practices for writing clean, maintainable, and reusable code.
* Assisted in mentoring junior developers and sharing knowledge on React and Java Spring Boot.
* Ensured proper documentation of development processes and deployment steps.

Top of Form

**Environment**: **React, Redux, JavaScript**, **Typescript**, Jest, Node JS, JAVA, Spring boot, REST Api, JIRA, Gitlab, Code Pipeline, Docker, Kubernetes Ansible, Sonar Cube, Automation, UI/UX, Codebase improvement

**Client: CM Alliance, OH May 2023 – Feb 2024**

**Role: Sr Software Engineer**

* Created and designed mongo DB Schema for storing user profiles, event data, and other pertinent information.
* Developed REST APIs using Node.js and MongoDB to serve data to both the front end and the metaverse view.
* Integrated Web3 API with Node.js for enhanced functionality.
* Designed and constructed the frontend using React JS and the Material UI framework.
* Contributed to the UX design process, ensuring an optimal user experience.
* Add payment Integration Authorise.net Api
* Containerized the application through Docker and Kubernetes for efficient deployment and scalability.
* Led the development and deployment efforts, establishing code pipelines using AWS Code Pipeline. Implemented mechanisms for real-time issue monitoring post-deployment.
* Conducted optimization and code reviews to enhance application performance and maintain code quality.
* Implemented Analytics services utilizing the Google Analytics framework for insightful data analysis.
* Participated in Agile with daily Scrum calls, regular Sprint reviews, and retrospective sessions.
* Performance tuning and optimization.

Top of Form

**Environment**: Application Development, Automation, React**, Redux, JavaScript**, Bootstrap, **Typescript**, Jest, Node JS, Material UI, Mongo DB, Authorise.net, REST Api, JIRA, Gitlab, Code Pipeline, Docker, Kubernetes Amazon services EC2, S3 bucket, AWS Amplify, Google Analytics.

**Client: NTT Data Global US, TX Feb 2022 – April 2023**

**Role: System Integration Senior Specialist**

* Collaborate with designers to create clean interfaces and simple, intuitive interactions and experiences.
* Develop project concepts and maintain optimal workflow
* Led the team and worked with Team as well as to deliver complex design projects for corporate clients.
* Design to develop an application using HTML5, CSS3, Bootstrap, jQuery, React JS, NextJS, Node JS.
* Designed CSS templates for use in all pages on the website working with CSS Background,
* positioning, text, border, margin, padding, and table.
* Applied optimization techniques to reduce page size and load times to enhance user experience
* using sprites. Used and Integrated React Redux Library to manage state.
* Wrote mock stubs in Next Js when Backend api’s were not available for integration for Client demo.
* Worked with backend engineers to optimize existing API calls to create efficiencies by
* deprecating unneeded API calls.
* Used WebSocket’s API for Realtime communication
* Used JEST library to write Unit test cases along with the normal code
* Ensured accessibility (A11Y) compliance by performing thorough testing and implementing necessary optimizations across all screens within react applications.
* Integrated google maps custom pointers to show the location of postcode.
* Extensively used Git for version controlling and regularly pushed the code to GitHub.
* Created pipelined in Git to automate the deployment of code as well as automate the testing procedures
* Extensively used debugging tools such as Chrome Dev tools and IE Dev tools to investigate the issues and
* fix the bugs.
* Used AEM to create a backend api routes involving Content fragments and interfaces for web apps dynamic data in forms.
* Active participation in UX design process, along with component prototyping in Figma.
* Proficient in integrating and leveraging various Angular10 and react libraries, such as Material UI, for implementing visually appealing and user-friendly single-page applications (SPA).
* Extensive use Agile Methodologies with daily Scrum calls, time to time Sprint reviews and retrospective call.
* Interacted with Testing Team, Scrum Masters and Business Analysts for fixing of Issues.
* Performed the System Testing, Regression Testing for Complete UI after fixing the Issues which

are reported by Testing Team.

**Environment**: React, Redux, React Hooks NextJS , JavaScript , Typescript , AEM , Jest , Cyprus , Tailwind ,JAVA , Spring Boot , REST Api, JIRA , Gitlab , SonarQube ,Code Pipeline , Docker , Kubernetes ,Jenkins ,Webpack , Babel, Socket API, Amazon services EC2, S3 ,Amazon RDS, Figma , Amazon Elastic Load Balancing, Amazon SQS, AWS identity ,IAM and access management and Amazon Cloud front,

**Client: Tech Mahindra, DIGI Corp, India June 2019 –Feb 2022**

**Role: Senior Software Engineer**

* Analysed system requirements and functional requirement/documents.
* Communicate with the client to understand the requirement of the website, gained experience in project
* planning, involved in writing the Project Design Document and Project Plan Document.
* Understanding and developing the new CR’s from the client using Ionic , cordova and react js .
* UI/UX design and implementation of the new Screens.
* Ensured accessibility (A11Y) compliance by performing thorough testing and implementing necessary optimizations across all screens within Angular applications.
* Developed UI components utilizing Angular, JavaScript, and AJAX, effectively enhancing the interactivity and responsiveness of the applications.
* Implementation on Charts for Panel , through Octagon library and Semantic UI react.
* Responsible for the implementation, support, and maintenance of Angular applications across various environments, including higher and lower-level environments.
* Utilized Angular's HTTP client, such as HTTP Client or the Axios library, to make API calls and retrieve data from Sitecore APIs.
* Integrated the legacy reports using Cordova native plugins .
* Added native functionalities using Cordova plugins as well as creating custom Cordova plugins in native android and exposing them through Javascript.
* Added app center analytics for the application with help Cordova plugins.
* Took lead in development and deployment of the application and mechanism for Realtime monitoring of issues after deployment
* Electron JS for desktop version of the application.
* Implemented state management using Agular’s built-in mechanisms or popular libraries like NgRx for efficient and scalable data handling within the applications.
* Used Agile Methodologies with daily Scrum calls, time to time Sprint reviews
* Troubleshooting and defect fixing.
* Created mobile app redesign prototypes through Figma Design.
* Performed the System Testing, Regression Testing for Complete UI after fixing the Issues which
* are reported by Testing Team.

**Environment**: React, Redux, React Hooks , Ionic ,Javascript Typescript, : Application Development , Automation, Angular 10, Socket, AEM , Jest ,Apache Cordova ,Octagon, AWS , JAVA , Spring Boot , REST API, JIRA , Gitlab , Electron , SonarQube ,Code Pipeline , Docker , Kubernetes , Amazon services EC2, S3 , Amazon Elastic Load Balancing, Amazon SQS, AWS identity IAM and access management and Amazon Cloud front , UI/UX , Codebase Continuous improvement.

**Client: Tech Mahindra, Vodacom ,India Dec 2017 – June 2019**

**Role: Senior Software Engineer**

* Cooperate with designers to create clean interfaces and simple, intuitive interactions and experiences.
* Develop project concepts and maintain optimal workflow.
* Work with Team as well as led team to deliver complex design projects for corporate clients.
* Complete detailed programming and development tasks for front end public and internal websites as well as challenging back-end server code.
* Carry out quality assurance tests to discover errors and optimize usability.
* Projects worked on includes clients like Vodacom and Dig Corp in Telecom as well as Ecommerce domains.
* Onsite Exposure on client side in Vodacom Tanzania
* Technologies worked on include Ionic ,Angular , React , Redux , React Native ,JavaScript
* Designed and added custom UI themes to web page using SASS CSS pre-processor instead of inline-styles or less.
* Expertise in version control tools like GIT, SVN and TFS to manage and control software development.
* Experience in using Package Managers like NPM and Bower and good command in using Task managers
* like Grunt, Gulp and Brunch.
* Ensured compliance with accessibility (A11y) requirements by implementing necessary optimizations and conducting testing with assistive technologies like screen readers.
* Responsible for developing Angular view components and creating reusable functional-based components using Angular Hooks, Angular Apollo, and Angular Fire.
* Implemented front-end user interfaces and features using TypeScript, ES6/ES7, JSX, and Angular, harnessing the power of Angular's component-based architecture.
* Proficient in writing unit test cases using testing frameworks such as Jasmine, Karma, and Angular Testing Library to ensure code quality and maintainable Angular applications.
* Deep knowledge of Angular ecosystem, including Angular, Angular Router, Angular Forms, and state management libraries like NgRx.
* Experienced in configuring NGINX/Node setup as part of CI/CD deployment for development, staging, and production environments using build tools like Angular CLI and Webpack.
* Developed unit test cases using testing frameworks like Jasmine, Karma, and Angular Testing Library to ensure code quality and maintainable Angular applications.
* Several other POC’s in different domain like Ecommerce with payment integration .
* End to end Deployment of IOS as well as android application versions of apps of Appstore and playstore respectively.

**Environment**: React Native , IONIC , Angular 8, Redux ,JavaScript , Jenkins , Typescript , AWS services , JAVA , Firebase ,FCM , OneSignal , Spring Boot , REST Api, JIRA , Bitbucket ,Code Pipeline , AppStore , Playstore

**Client: Bravvura, India Aug 2017 – Dec 2017**

**Role: Hybrid Mobile Application developer**

* Create a POC app with IONIC Angular for a food delivery application .
* Worked on parents social networking app and delivered first phase of app called Nestledtime
* response time of the web application request.
* Created Front-end Mobile Application – Nestledtime app using HTML, CSS, IONIC Angular,

JavaScript, AJAX, XML and JSON

* Develop consumer-based features and applications using, JavaScript, HTML CSS, React and Ajax.
* Used cutting-edge technologies such as Java (for back-end) and HTML, CSS, JavaScript, Ajax (for font-end).
* Structured the JavaScript code using AngularJS and Typescript ,sockets api .
* Experience in creating responsive web pages using HTML, Bootstrap, CSS, AngularJS,
* REST API Integration/Unit Testing, JSON, AJAX, and JavaScript.
* Used LESS and Bootstrap for responsive designs
* Used Eclipse IDE for code Development along with GIT Hub for managing the code.
* Worked on agile methodology for software development.

**Environment**: IONIC , Angular , RXJS , Jest ,JavaScript , AWS services , WebSocket’s , PHP, Magento , Firebase store , FCM , OneSignal Push notification ,REST Api, JIRA , Git ,Code Pipeline , AppStore , Play store

**Client: Ginger Webs, India Oct 2015 – Aug 2017**

**Role: Software Developer**

* Cooperate with designer to create clean interfaces and simple, intuitive interactions and experiences.
* Created POC apps for education domain
* Worked with client in maintenance of websites solving frontend issues using older technologies.
* Revamp of old Education test related mobile app with enhanced functionalities and new animations (ThinkExam3.0). Technologies used Angular js, IONIC , PHP ,
* New discussion app similar to Quora, designed and developed as a product with customizations for client (Discussion Forum). Technologies used IONIC, angular, PHP, LESS
* Imparted training and created a hybrid mobile application developer team for future competency.
* eLearning App designed and developed from scratch using frontend technologies.
* Hands on the process of development, testing and maintenance.
* Used React-Router to turn application into Single Page Application.
* Used JQuery to traverse through a DOM tree and manipulated the nodes in the tree.
* Implemented the Drag and Drop functionality using JQuery framework.
* Handled client-side validation using JavaScript and JQuery.
* Participated as a team member in designing the user interface using HTML and CSS to make the interface use-friendly, especially child-friendly.
* Implemented user interface guidelines and standards throughout the development and maintenance of the

Application using JavaScript, jQuery, CSS, and HTML.

**Environment:** HTML, CSS, IONIC , AngularJS , Push Notification custom , Cordova ,Octagon, PhoneGap , JavaScript, JQUERY, AJAX, JSON, XML, Photoshop, ECLIPSE, SVN, MySQL , PHP , Jenkins, Webpack , Babel, WordPress , JOOMLA , CMS , Magento

**Client: Chahar Technologies, India Aug 2014 – Sep 2015**

**Role: Web Developer**

* Worked on several websites using WordPress, CMS, JOOMLA, PHP, HTML, CSS
* Created Cross-browser compatible applications.
* Created responsive optimized graphic prototype websites and applications interfaces using HTML and CSS.
* Involved in write application-level code to interact with APIs, Web Services using AJAX, JSON, and XML.
* Implemented and designed user interface for web-based customer application.
* Develop data formatted web applications and deploy the script using client-side JavaScript.
* Worked on Cross-Browser compatibility and fixed the bugs for several browsers.
* Design, develop and test HTML5, CSS3, Bootstrap, JavaScript, jQuery and AngularJS that meets accessibility and web browser standards for website.
* Designed CSS templates for use in all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table.
* Applied optimization techniques to reduce page size and load times to enhance user experience using sprites.
* Developed user interface by using the Angular, Redux for SPA development.
* Implemented Angular code to handle cross browser compatibility issues in Mozella, IE 7, 8, 9, Safari. Used React-Router to turn application into Single Page Application
* Worked in using Angular components, Forms, Events, Keys, Router.
* Integrated with back-end code (PHP) for highly interactive AJAX based applications.
* Maintained 24/7 high volume availability demands using open-source tools such as Linux, Apache, PHP, and

MySQL.

**Environment**: HTML, CSS, JavaScript, JQUERY, AJAX, JSON, XML, Photoshop, Angular , ECLIPSE, SVN, MySQL , PHP , WordPress , JOOMLA , CMS , Magento

**Client: Vidya Mantra Edu Systems, India Jan 2013 – July 2014**

**Role: Web Developer**

* Implemented user interface guidelines and standards throughout the development and maintenance of the
* website using JavaScript, jQuery, CSS, and HTML.
* Enhanced and built reusable components across different modules using Custom directives and CSS classes.
* Created Responsive Designs (Mobile/Tablet/Desktop) using HTML & CSS, Bootstrap.
* Created Cross-browser compatible.
* Created and optimized graphic prototype websites and applications interfaces using HTML and CSS.
* Involved in write application-level code to interact with APIs, Web Services using AJAX, JSON, and XML.
* Implemented and designed user interface for web-based customer application.
* Develop data formatted web applications and deploy the script using client-side JavaScript.
* Worked on Cross-Browser compatibility and fixed the bugs for several browsers.
* Integrated with back-end code (PHP) for highly interactive AJAX based applications.
* Maintained 24/7 high volume availability demands using open-source tools such as Linux, Apache, PHP, and
* MySQL.

**Environment**: HTML, CSS, JavaScript, JQUERY, AJAX, JSON, XML, Photoshop, ECLIPSE, SVN, Jenkins, Linux