**Amulya Bandla**

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**Ph: (845) 419 - 9560 Full stack Developer**

**SUMMARY**

* **7+** years of experience as a **Full Stack Developer** with solid understanding of Web Development Analysis, Design, Development, Testing, Debugging and developing User Interface (UI) applications and professional web applications using HTML5, XHTML, CSS3, JavaScript, jQuery, AJAX, React.js, Angular 5, Angular JS, Bootstrap, JSON and XML Web Services.
* Experienced with Cloud Computing environment like Amazon Web Services (AWS), Spring Cloud, Azure and Google Cloud (GCP).
* Expertise in developing various JavaScript frameworks like Angular.js Backbone.js, React.js, Node.js, Express.js, Underscore.js, React.js/Redux, React Native, Ember.js, Responsive web design. (RWD).
* Experience in Agile methodologies such as Extreme Programming, Waterfall Model and Test-Driven Development.
* Hands-on experience of Angular Model-View-Controller (MVC) pattern in Designing and Developing Modern Single Page Application (SPA) using ng-routing and used several inbuilt directives, expressions, and modules.
* I have significant expertise in collaborating on projects using both Waterfall and Agile methodologies, including Test-Driven Development (TDD) and SCRUM. My hands-on experience extends to using database tools such as Toad for Oracle, DB2, and SQL Server.
* Experienced in server-side view rendering Java content structures like React.js and rendering pages on the server-side utilizing Redux and Flux to accomplish unidirectional plan stream.
* Expertise in implementing Core Java SE 8 concepts like Streams API, Lambda functions, Functional programming, and Generics.
* Proven experience with Application Servers like **IBM WebSphere, Oracle/BEA WebLogic, JBoss, and Tomcat**.
* Experienced in real-time data processing with Apache Kafka, ensuring timely and accurate data handling in high-velocity environments.
* Hands in experience with build tools like ANT, Maven, and logging tools like Log4J.

**TECHNICAL SKILLS**

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| **Languages** | Java, SQL, PL/SQL, Python, C, Go (Golang) |
| **Cloud Technologies** | AWS) - EC2, Lambda, S3, API Gateway, RDS, DynamoDB, CloudWatch, CloudFront, Route53, SQS, SNS, Elastic Beanstalk, Docker, Kubernetes, Jenkins, CI/CD pipelines, Terraform, Ansible. |
| **Web Technologies:** | HTML5, CSS3, JavaScript (ES5, ES6+), React.js, Angular (2+), Vue.js, jQuery, Node.js, Bootstrap, Tailwind CSS, AJAX, DOJO, XML, Web Services (SOAP, REST, WSDL), GraphQL, JSON, Next.js |
| **Database Environments:** | Oracle 10g/9i, SQL Server, MySQL, PostgreSQL, Mongo DB, Cassandra, DynamoDB, Redis, Firebase, Influx DB. |
| **Version Control Tools:** | Git, GitHub, GitLab, Bitbucket, SVN, Visual Source Safe, CVS, Tortoise SVN |
| **Automation Testing:** | Selenium, Cucumber, Jest, JUnit, TestNG, Mockito, Karma, Jasmine |
| **Java/J2EE Technologies** | JavaBeans, MVC, ANT, MAVEN, Log4j, XML, JAXP, DOM, JNDI, JUnit, Vue.js, ETL, Microservices, Multithreading, JAX-RS, JAX-WS, Java 6/7/8/11. |
| **Operating Systems:** | Windows, MacOS, Linux (Ubuntu, CentOS, Red Hat), UNIX |

**EDUCATION**

* Master of Science in Computer Science from STATE UNIVERSITY OF NEW YORK, New Paltz, NY
* Bachelor of Technology in Electronics and Communication Engineering from JNTU KAKINADA, AP India

**PROFESSIONAL EXPERIENCE**

**Qualcomm New York, NY** **| March 2023- Present**

Full Stack Developer

* **Built backend REST APIs** with **Node.js, React.js**, and integrated with designs and requirements. Developed and maintained the server-side logic, implemented modules into Node.js, and ensured seamless API communication using **Express.js**.
* **Developed web applications** using **MongoDB, Express.js, React.js / Redux**, **Node.js**, and **GraphQL** to manage dynamic data-driven interfaces and integrated them with RESTful APIs for scalable, high-performance solutions.
* **Used MongoDB in the backend** to persist data into databases and wrote **SQL/MongoDB queries** to access/update the data from/to the database. Managed collections, documents, and indexes to optimize query performance and storage efficiency.
* **Designed and developed Microservices** using the **MERN** Stack (MongoDB, Express.js, React js) on a Private Cloud **OpenStack Platform**, ensuring high availability, scalability, and seamless integration of backend services.
* **Worked on Node.js REST API calls** and integrated them with the frontend UI using **React.js**, facilitating seamless communication between client-side components and server-side logic.
* **Composed and executed MongoDB scripts and queries** to fetch and test data from NoSQL databases. Optimized MongoDB collections for handling large-scale data, ensuring fast and efficient data retrieval.
* **Developed reusable, component-based architecture using React.js** with state management via **Redux**, ensuring efficient, scalable frontend development. Integrated RESTful APIs to provide real-time, dynamic data to the user interfaces.
* **Used Node.js and Express.js frameworks** to build server-side logic and middleware to handle HTTP requests, apply security measures, and ensure proper API routing and error handling.
* **Worked closely with UI/UX teams** to ensure user-centered design, translating wireframes and mockups into high-quality code using **HTML5, CSS3, JavaScript (ES6+), React.js**, and **Bootstrap** for responsive, cross-browser-compatible interfaces.
* **Involved in designing and developing JSON and XML objects** with **MySQL** and **NoSQL databases** like **MongoDB**, ensuring compatibility and data consistency across different database systems.
* **Performed code reviews and optimized applications** using **Node.js**, **React.js**, **MongoDB**, and **Express.js**, improving performance, scalability, and maintainability of the codebase.

**TATA Teleservices India | Jan 2021 – July 2022**

React JS Developer

* Created reusable React.js components and services, decoupling project features and enabling functionality replication using Web APIs.
* Developed and maintained consumer-facing applications using React.js, React Native, JavaScript (ES6+), JSON, CSS3, Bootstrap, and HTML5.
* Collaborated with UI/UX designers to implement responsive, pixel-perfect designs, translating wireframes into high-quality code using HTML5, CSS3, JavaScript (ES6+), and React.js.
* Developed various screens for the front end using **React.js** and utilized predefined components from **NPM (Node Package Manager)** and **Redux** libraries.
* Built dynamic, data-driven applications by integrating RESTful APIs and GraphQL services with React components, ensuring smooth data fetching using Axios and Fetch API.
* Implemented component-based architecture using React Hooks (useState, useEffect, useContext), improving code reusability and maintainability.
* Worked with React.js and Node.js libraries, utilizing NPM and Gulp for task automation, and implemented React Router for proper URL routing.
* Designed and developed a full-stack web application using React.js, Node.js, and Next.js, integrating back-end services.
* Involved in writing application-level code to interact with APIs, Web Services using AJAX, JSON and XML.
* Implemented AJAX for real-time data updates, enhancing user experience without full page reloads.
* Debugged applications using React DevTools and Chrome DevTools, optimizing performance and resolving front-end issues.

**TecnoTree India | June 2017 – May 2019**

Web Developer

* Developed RESTful APIs using Node.js and Express.js, managing communication between the front-end and back-end.
* Involved in developing and designing user interfaces for web applications using HTML, JavaScript, and CSS.
* Built Single Page Applications (SPA), Responsive Web Design (RWD) UI and HTML Wireframes using HTML5 Grid Structures/Layouts, CSS3 Media Queries, Ajax, Angular JS, and Bootstrap.
* Responsible for the design of web applications right from the conceptualization stage to its implementation and maintenance.
* Built and maintained websites for small businesses using PHP, MySQL, JavaScript, and CSS.
* Involved in writing application-level code to interact with APIs, Web Services using AJAX, JSON and XML.
* Utilized jQuery plugins such as Table Sorter to handle large data tables with sorting and frozen headers/footers.
* Managed Git repositories for version control and facilitated team collaboration using GitHub.
* Conducted regular code reviews to ensure code quality, maintainability, and adherence to best practices.
* Supported debugging and troubleshooting of front-end issues, ensuring timely resolution.
* Utilized Docker to containerize applications, enhancing deployment consistency across environments.
* Integrated back-end services using REST APIs to enhance data-driven web applications.
* Developed and maintained documentation for front-end processes and best practices.

**BT Group India | April 2015 – May 2017**

**UI Developer**

* Responsible for creating efficient design and developing **User Interaction screens** using **HTML, CSS3, Bootstrap, JavaScript, Angular 6, 7, 9,** and **React JS.**
* Designed **user interactive (UI) web pages** using **web technologies** and collaborated with Product Managers and Software Engineers to provide guidelines on solid **UI design** using advanced-level **HTML, XML, AJAX, TypeScript**, and **CSS.**
* Translated **wireframes** and high-fidelity designs into well-structured, maintainable code using **HTML5, CSS3**, and **JavaScript (ES6).**
* Developed non-functional **HTML, CSS** pages from the mockups and participated in **UI reviews** with UI architects and Business Units.
* Integrated web applications with back-end services via **RESTful APIs** and ensured seamless data fetching using **AJAX** and **JSON.**
* Fixed **UI/UX bugs** and optimized web pages for **SEO,** improving page rankings and reducing website loading time.
* Worked on server-side JavaScript using **Node.js** and for server-side templating with **Node.js.**
* Developed a **large-scale, real-time, live blogging server and UI** using **Node.js.**
* Built working **UI screens** using **HTML,** **CSS**, **jQuery, Handlebars**, and **Ember.js.**
* Monitored the site for any **UI inconsistencies** and fixed all UI bugs reported in the test track.