

Sumith Banuka

(518) 556-8812 • sumithkumarbanuka@gmail.com • <https://www.linkedin.com/in/sumith-banuka/> • [GitHub](#)

CAREER SUMMARY

Experienced and inventive software developer with over 4 years of experience in developing, testing, and maintaining user-centric solutions using JavaScript based applications. Proficient in leveraging a wide array of frameworks and tools such as JavaScript, Vue.js, React.js, Node.js, Angular, SQL and JavaScript to create robust RESTful web services. Skilled in Agile methodologies, performance optimization, and cross-functional collaboration.

EDUCATION

University of New Haven

Master of Science in System Analytics

August 2022 - December 2023

3.73/4

Jawaharlal Nehru Technological University

Bachelor of Technology in Computer Science

August 2017 – May 2021

7.99/10

TECHNICAL SKILLS

Technologies	Java/J2EE, JavaScript, AJAX, jQuery, JSON, JSP, R, C, Python, CI CD.
Web Technologies	HTML5, CSS3, Vue.js, React JS, Node JS, Express JS, Mongoose, Next JS, Django, Nest JS, Spring, Spring Boot, Material UI, AWS, GCP, Azure, Bootstrap, jQuery, Hibernate, NPM, Webpack, REST, Docker, Kubernetes, Splunk, Data structures and Algorithms, OOPS, Design Patterns, Charts JS, Jest, React Testing Library, ECMA Script 2015+, Web Logic, Apache Tomcat, JBOSS, V8Engine.
Database Environments	MongoDB, PSQL, SQL, NoSQL.
Tools:	Jasmine, Mocha, Karma, OpenShift, Azure DevOps, SonarQube, Swagger, Confluence

PROFESSIONAL EXPERIENCE

ZERABIT Inc. (Client – T-Mobile), United States

February 2024 – May 2024

Software Developer

- Proficient in front-end technologies, utilizing JavaScript, ReactJS, Vue.js, jQuery, Java, AJAX, HTML5, and CSS3 to deliver exceptional user interfaces.
- Implemented Java, Spring Boot, and React.js to develop intuitive and user-friendly interfaces, resulting in a 25% boost in user engagement.
- Enhanced webpage bandwidth usage with React.js, resulting in a 10% reduction in load times, and integrated form validation, reducing form errors by 15%.
- Expertise in responsive web UI best practices, ensuring optimal user experiences and accessibility, resulting in a 25% increase in user satisfaction.
- Worked on Higher order components and advanced javascript and effectively implemented the code using all the advanced features of ES6+.
- Worked with Babel, webpack, rollup for bundling the code, used CI CD pipelines for automated code deployments and setting up pipeline.
- Applied React hooks (useState, useEffect, useReducer, useMemo, useCallback, useRef) to optimize application performance, achieving a 20% reduction in loading time.
- Extensively used AWS EC2 and Lambda for serverless deployment of application.
- Managed and monitored cloud resources using AWS CloudWatch and CloudTrail, ensuring optimal performance and security compliance
- Worked on Typescript generics, classes, interfaces, types, modules, enums and implemented them in the project.
- Written applications using multiple CSS frameworks such as Material UI, Tailwind CSS, Bootstrap, Media Queries for responsiveness.
- Worked on Next JS Application and Implemented SSR, ISR, SSG, Image optimization, Font Optimization and Turbopack for building and executing the code.
- Developed multiple microservices using Node JS and implemented a logging framework to log all the request and response data to Splunk server.
- Utilized MongoDB to create NoSQL databases, handling large volumes of unstructured data and providing seamless scalability.
- Designed and implemented data models in DynamoDB, ensuring efficient storage and retrieval of data in a serverless environment.
- Developed and maintained automated test scripts using Cypress for end-to-end testing, ensuring comprehensive coverage of user flows and application functionality, resulting in a 30% reduction in manual testing efforts
- Led the integration of robust SDLC practices, conducting code reviews via GitHub, and ensuring coding standards adherence, leading to a 20% increase in code quality and a 25% reduction in post-release bugs.
- Demonstrated expertise in responsive web UI best practices, ensuring optimal user experiences and accessibility.
- Followed mobile first approach to developing UI and the applications, used media queries a responsive design extensively.
- **Tech Stack:** Java/J2EE, JavaScript, ReactJS, Spring Boot, SQL, AWS, HTML5, CSS3, jQuery, Jest, Cypress, SDLC, REST, GitHub

Teaching Assistant

- Instructed over 30 students on the fundamentals of Angular, React.js, JavaScript and Java, providing hands-on coding experience and real-world application scenarios to enhance learning and practical skills.
- Assisted in teaching Vue.js, React.js and Java courses, guiding students through hands-on web development projects and enhancing their understanding of modern front-end frameworks and best practices.
- Developed and maintained interactive web applications using React.js, Angular and JavaScript for instructional purposes, demonstrating key concepts in web development and facilitating practical learning experiences.
- Conducted review sessions and provided one-on-one support to students, clarifying complex web development topics and helping them troubleshoot and optimize their React.js and JavaScript code.

INFOSYS (Client – Microsoft), India*July 2021 - July 2022**Software Developer*

- Developed and designed diverse web forms using JavaScript, Typescript, Vue.js, React.js, Java, CSS, and HTML, increasing form completion rates by 30%, and developed web pages with JavaScript, React.js, and HTML, for features like login, register, and filters, reducing bounce rates by 15%.
- Handled nearly 5+ production tickets per day, 100+ tickets per month with respect to live customer trouble ticket resolution.
- Worked on unit testing of React JS and Angular application using Jest, Jasmine framework.
- Designed, developed and unit tested multiple components, modules, pipes, directives, custom hooks, higher order components.
- Unit testing of React and Vue.js applications using Jest, Cypress frameworks, contributing to a 98% reduction in critical bugs.
- Utilized JavaScript and jQuery for back-end data interaction, enabling faster data exchange with Java controllers and enhancing system responsiveness by 35%.
- Integrated Jest and Cypress tests into the CI/CD pipeline, ensuring that new code changes were automatically tested before deployment, enhancing overall application stability by 20%.
- Implemented CI/CD pipelines, optimizing software delivery and reducing deployment errors by 15%.
- Pioneered the development of highly customizable and reusable front-end components, leveraging ReactJS, Redux, and Next.js.
- Applied SonarQube to scan and measure code quality, resulting in a 30% reduction in code defects and improved overall software reliability.
- Deployed scalable cloud infrastructure on AWS, utilizing EC2, S3, RDS, and Lambda, which increased system reliability and scalability by 50%.
- Integrated Cypress and Jest into CI/CD pipelines using Jenkins, enabling automated testing and continuous delivery, which streamlined the development process and reduced deployment times by 25%.
- Worked with AWS S3, CloudFront for storing assets and deployment of application to multiple edge locations.
- Collaborated with backend engineers to streamline existing API calls, eliminating redundancies and enhancing efficiency. Integrated AWS for seamless server-side and client-side code interaction.
- Ensured ADA compliance in web design by implementing accessible features and adhering to WCAG guidelines, improving user accessibility and inclusivity.
- **Tech Stack:** Java/J2EE, JavaScript, ReactJS, Spring Boot, SQL, AWS, HTML5, CSS3, jQuery, Jest, Cypress, SDLC, REST, GitHub

AK ENTERPRISES, India*January 2020- June 2021**Software Developer*

- Crafted and launched a responsive sales dashboard, incorporating 4 years of historical data for the aqua branch, leading to a 25% sales increase and data-driven decision-making.
- Developed a modular Java and React application, reducing codebase complexity by 30% and improving maintainability.
- Optimized the application's performance and user experience, leading to a 20% increase in customer retention and a 15% rise in conversion rates through systematic improvements and SQL database management.
- Engineered a user-friendly interface with JavaScript, HTML, and CSS, enhancing website navigation and increasing the average session duration by 25%.
- Extensively utilized React technologies such as Forms, Observables, Routing, Animations, and NgRx concepts to develop robust and interactive web applications.
- Familiarity with React UI Framework, Angular 2+, highlighting a commitment to staying current with industry tools and technologies.

PROJECTS**College Technical Fest Portal**

- **Languages:** HTML, CSS, JavaScript, Angular for front end. Java, Spring Boot, MySQL for backend.
- **Website:** A portal to help notify fest announcements and tracking all the data of participants and winners of individual events.

LEADERSHIP

- **Technical Event Secretary:** Orchestrated 15+ events with collaboration skills by managing budgets, and potential issues efficiently and led coordinators for corporate and cultural event success.
- **Sports League Organizer:** Organized an intra-university football tournament of 10+ teams, showcasing effective event coordination, thorough event management, and leadership throughout the competition's success.