SANDEEP KUMAR BANUKA

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| **EDUCATION**  **University of Missouri at Kansas City, Missouri** | Aug 2022 – Dec 2023 |
| *Master of Science in Computer Science* | 3.8 |
| Data Structures and Algorithms, Operating Systems, Distributed Computing, Databases, Big Data, Machine Learning | |
| **Osmania University, Hyderabad, India** | Sep 2014 – May 2018 |
| *Bachelor of Engineering in Information Technology* | 8.64 |

# TECHNICAL SKILLS

Languages: Databases:

Web Technologies:

Tools:

# WORK EXPERIENCE

JavaScript, Typescript, Java, Python, CI CD

Oracle SQL, MySQL, MongoDB

HTML5, CSS3, Angular, React JS, Node JS, Express JS, Mongoose, Next JS, Nest JS, Spring, Spring Boot, Material UI,

AWS S3, GCP, Azure, Bootstrap, Charts JS, Jest, React Testing Library, Redux, Flux, jQuery, NGRX, Hibernate, JDBC, Babel, NPM, Webpack, REST, Docker, Kubernetes, Splunk, JSON, XML, NGINX, WCAG, Redis, Kendo UI, Graph QL, Enzyme, TDD

GitHub, SVN, Bitbucket, Gitlab, Jenkins, JIRA, Eclipse, VS Code, SonarQube, Swagger, Confluence

**Senior Software Engineer (T-mobile , Remote)**  May 2023 – July 2023

* Closely collaborated with the product owner to gather the requirements and plan the sprints.
* Maintained the state of the application using Redux and implemented it across multiple applications.
* Designed, developed and unit tested multiple components, modules, pipes, directives, custom hooks, higher order components.
* Worked on a POC for micro frontend and integrated multiple pages of React JS and Angular.
* Authored all the flows in the application to confluence, this helped the new team members to onboard the project easily.
* Worked on unit testing of React JS and Angular application using Jest, Jasmine framework.
* I worked extensively on web accessibility, performance enhancement and code refactoring.

**Senior Software Engineer (Accolite Digital)**  July 2019 – Aug 2022

* Organized more than 100 code reviews sessions and actively participated in troubleshooting and resolving incidents.
* Mentored a team of 6 in the project and 4 summer interns and directed them to build 2 new projects.
* Built multiple micro applications using angular as part of the technology transformation of a legacy application.
* These applications deal with the complete ordering system of T-Mobile. This application includes 4 different modules.
* Integrated 6 channels to the checkout application and handled $25 million business.
* Written around 600 test cases and increased the test coverage from 20% to 95%.
* Directed a team in the integration of 3 new channels to the application.

**Software Engineer (Accolite Digital)**  July 2018 – June 2019

* Extensively used on react hooks and context for managing the state of the application.
* Built 20+ custom hooks and custom component and improved reusability.
* Together with DevOps team, moved all the sensitive data to Kubernetes secrets to enable us to develop a single build image.
* Reduced the build time from 20minutes to under 30 seconds. Implemented TDD and written unit tests using JEST and Junit and Mockito for React and Spring Boot Applications.
* Optimized 10+ micro services of spring boot and implemented the logging framework for the micro services.
* Reduced code duplication in the code from 18% to 0.6%, code smells from 160 to 0 in the SonarQube.

**Software Engineer Intern (Accolite Digital)**  Dec 2017 – May 2018

* Developed a CMS (Content management system) to manage all the content of all websites in the organization.
* Exposed APIs to serve this content to all the websites and defined multiple scenarios.
* Implemented lazy loading and opted other mechanisms and improved the performance of the website by 200%

# ACADEMIC 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.

## Hackathon | Garage

* Participated in Code for Good Hackathon by JPMC while in my final year of bachelors.
* Conducted 3 workshops on Angular/React/NodeJS for junior developers and interns while at Accolite
* Mentored a team of 4 and implemented a Content management tool for maintaining all the contents of different websites.