Sathwik Reddy Kondapuram

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Summary

- Software Engineer with over 2+ years of experience in development, enhancement, and technical support. Experience in Agile software development life cycle and DevOPS principles.
- Good at understanding team's objective, deliverables, and domain with focus on bigger picture. Good with identifying and prioritizing tasks. Focused on improving scalability, reliability and performance while retaining simple design.
- Good knowledge of OOP, System Design, Algorithm Design, Test driven development. Experience with Version Control tools like GIT and GitHub. Experience with AWS Code pipeline and other CI/CD pipelines.
- Good Understanding of JavaScript, DOM, Virtual Dom, ES6 and above features, Babel, Webpack, NPM, Yarn. Experience with Redux, Hooks, Express JS, JSX, SCSS, NodeJS, ReactJS
- Experience in designing and handling Databases, Big Data, ETL, Data Engineering and Data Flow management. Knowledge on improving web performance, performing unit testing and integration testing.
- Good knowledge in building Single Page Application (SPA), Reusable Components, Responsive design using React. Good understanding and experience in handling Big Data and Spark application development. Proficient in at least 2 services from each Compute, Storage, Networking and Security in AWS. Good knowledge of Deploying applications on amazon web services(dedicated servers built on EC2). Good development experience using databases like Oracle, and MongoDB. Knowledge of object-oriented programming towards front-end libraries.
- Good at problem-solving and Analytical Skills with good communication and interpersonal skills. Experienced in communicating with team, product owner, scrum master, vendors, and customers.

Skills

Methodology:	SDLC, Agile
Languages:	JavaScript, Python , Java, Scala
Web Development:	JavaScript, HTML, CSS, SCSS, Redux, JSON, Bootstrap, Responsive Web Design, Single Page App, TypeScript, GraphQL, Rest Services, JWT, Jest, NPM, YARN, Babel, Webpack
Databases:	Oracle Database (SQL), PostgreSQL, Mongo DB, Neo4j (Cypher)
CI/CD:	GIT, Jenkins, Docker, Kubernetes, AWS Code Commit and Code pipeline
Big Data	Apache Spark, Apache Hudi, Apache Hive, DFS
AWS	EMR, Glue, S3, EC2, VPC, IAM, Athena, SNS, SQS, RDS, Redshift, Lambda, and step functions
IDE and OS	VS Code, IntelliJ, Windows, Linux, Mac OS

Education

Master of Science in Computer Science | Aug 2019 – Dec 2021 | GPA: 4.00
University of Georgia, GA
Coursework: Algorithms, Data Science, Advanced Data Analysis, Database Management, Advanced Database Management, Operating Systems, Advanced System Security, Advance Cyber Security, Data warehousing

Bachelor of Science in Computer Science | Aug 2014- June 2018 | GPA: 3.80
JNTU, Hyderabad
Coursework: Software Engineering, Web Development, Databases, Algorithms, Operating Systems and More

Experience

Amazon, WA | June 2021 – Sept 2021| Role: Intern
Responsibilities:
- Designed and implemented an end-to-end solution for GDPR on S3 Datasets using Apache Hudi, AWS EMR, Glue catalog, Athena, Redshift and Dynamo DB, DMS, SNS, Apache Spark and Hive. This project enables us to execute data deletion requests in an optimal way.
- Implemented, deployed, and Tested end to end CI/CD pipeline. Followed Agile during every phase of this project.
- Due to need for data freshness once in every 7 data commits are appended with inline compaction. Using this metrics on average 90% of computation and I/O costs are saved compared to old GDPR implementation mechanism of Amazon-ADP Engineering team.
- Designed and drafted standards to follow for implementing deletion on datasets stored in S3 efficiently and optimally. Documented a POC and Implementation guide.

    Environment: AWS(Compute(EC2, EMR, GLUE), Querying(Athena, Redshift), Security(IAM, VPC), Storage(S3, Redshift), Spark, Apache Hudi, Parquet Files, AWS Code Commit and Code pipeline for CI/CD.

Carl Vinson Institute, GA | Aug 2020 – Current |Role: GRA- Front End Developer(Part Time)
Responsibilities:
- Worked in Agile environment, with an ability to accommodate and test the newly proposed changes at any point of time during the release. Implemented Re-usable components using Redux in React.
- Developed various screens for the front end using React and used various predefined components from NPM.
- Improved the UI for better User experience by adding custom CSS transitions, SCSS and SASS
- Managed States and Props for large applications. Migrated Angular code to react.
- Built Single Page Applications using React and React Router.
- Deployed the application on AWS-EC2 and Used AWS-S3 for storage.
- Designed a web interface using TypeScript, HTML, CSS that takes the data and displays to the user.
- Worked on both mobile responsive web design and desktop pages.
- Designed web pages and used applications that meet business and user goals through a positive user experience.
- Used version control system tool Gitlab to manage the code repository.
- Worked On unit testing using Jest and Enzyme.
- Wrote SQL queries, stored procedures, modifications to existing database structure as required for addition of new features using Oracle database.

    Environment: Agile, HTML, CSS, Gitlab, SQL, TypeScript, React JS, Sublime text, Visual Studio code, AWS(EC2, S3).

Apps Associates, India | Aug 2017 - June 2019 |Role: Associate Software Engineer
Responsibilities:
- Extracted the logic level from React Components to use it in building mobile version using React Native.
- Developed various screens for the front end using React JS and used various predefined components from NPM
- Developed the backend by using Node JS, and MongoDB.
- Used Node.JS to develop the back-end components, connect the application with the other web services.
- Consumed REST web service for fetching JSON format data from web server.
- Responsible for executing unit test cases and end -to- end using front- end test framework Jest.
- Built Single Page Applications using React and React Router. Deployed the application on AWS-EC2 and Used AWS-S3 for storage. Designed a web interface using TypeScript, HTML, CSS that takes the data and displays to the user.
- Worked on a Continuous integration and Continuous deployment set ups.

    Environment: React JS, React Native,Node.JS, MongoDB, Visual Studio code, SCSS, Jasmine, GitHub, AWS.