# SUMMARY

Rahul Reddy Aleti

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Senior Software Developer with extensive experience in backend development, specializing in designing and deploying scalable microservices using Docker and Kubernetes. Successfully led projects involving RESTful API development with Golang and Java Spring Boot, enhancing system reliability and performance. Proven track record in optimizing deployment processes on AWS, contributing to operational efficiency. Eager to leverage backend expertise to deliver robust solutions at Wealth.com.

# SKILLS

* **Programming & Scripting Languages**: Java, C, C++, Python, C#/.NET, Typescript
* **Frontend & UI Technologies**: JavaScript, HTML5, CSS3(Sass and less), AJAX, JSON, Bootstrap, jQuery, Angu- lar2.0/4/8/9/12/14, React JS with Flux, Redux, GraphQL, Flutter, Handlebar JS, Polymer.js, Backbone JS
* **Databases & Platforms**: SQL, MySQL, PostgreSQL, MongoDB, DynamoDB, AWS, Azure, Azure Cloud, GCP, Windows, Linux
* **Tools, DevOps & Concepts**: Gradle, Kubernetes, Docker, Gitlab CICD, Jenkins, Bamboo Gulp, Grunt, Webpack, NPM, Bower, SDLC, Agile, Waterfall, Spring MVC, Spring Boot, Ant, Maven, IntelliJ IDEA J2EE, NetBeans, NodeJS, Express JS, Hapi JS, Apache Tomcat, Oracle Web Logic, IBM Web Sphere, JBoss, Git, GitHub, System design, Data structures, Algorithms, CI/CD pipelines, Microfrontend architecture, DevOps practices, Infrastructure as code

# EXPERIENCE

## CVS Health Jan 2024 - Present

*Senior Software Developer Remote, USA*

* Led the development and testing of an infotainment module using Agile methodologies, ensuring on-time delivery and meeting quality standards, resulting in improved user satisfaction
* Architected and deployed containerized, microservices-based applications as Kubernetes clusters using Docker images, optimizing scalability and operational efficiency.
* Implemented new features aligned with project requirements, leveraging backend development expertise and established software engineering best practices.
* Developed and tested HTTP and GRPC-based RESTful APIs using Golang and Java Spring Boot, ensuring reliability through comprehensive unit and functional testing with tools like Postman.
* Automated deployments on AWS EC2 instances using Docker and Kubernetes, enhancing application hosting capabilities and system reliability.
* Constructed and maintained CI/CD pipelines for code integration, testing, and deployment, significantly reducing manual effort and enhancing operational workflows.
* Updated skillset to integrate emerging technologies and methodologies, enhancing product development and optimization
* Directed a team of 5 developers, fostering collaboration and ensuring alignment with project goals and timelines.

## VISA Jun 2023 - Jan 2024

*Software Developer Texas, USA*

* Developed Java-based applications for 1mg, utilizing MySQL, Spring Boot, Kubernetes, Docker, and Gradle to deliver robust software solutions.
* Deployed and managed applications using Kubernetes and Docker, ensuring seamless deployment and scalable performance.
* Participated in comprehensive code reviews to enhance code quality and maintainability.
* Engaged actively in the Agile development process, contributing to sprint planning, backlog grooming, and retrospective meetings.
* Engineered efficient data pipelines to process clinical test data, reducing processing time by 30%.
* Utilized Java and big data technologies to design high-performance pipelines capable of handling large data volumes.
* Implemented data partitioning strategies to improve pipeline scalability and overall performance.

## Tech Mahindra Feb 2019 - May 2022

*Software Engineer*

* Conducted thorough debugging and troubleshooting, leading to a significant reduction in critical system defects and improved application stability.
* Collaborated with cross-functional teams, fostering open communication and knowledge sharing to drive project success.
* Developed and optimized Python scripts for process automation, leveraging machine learning models to enhance workflow efficiency.Implemented database optimization techniques such as indexing and partitioning in PostgreSQL, improving query performance and scalability for high-traffic applications.
* Identified and resolved performance bottlenecks, optimizing application speed and responsiveness. Successfully led a team of developers, ensuring alignment with project objectives and fostering collaboration.
* Continuously updated technical expertise by staying informed about industry trends and integrating advancements into projects. Quickly adapted to new tools and technologies, enhancing team capabilities in a dynamic development environment.

# EDUCATION

## University of Central Missouri

*Master's, Computer Science*

# CERTIFICATIONS

* Microsoft Azure Data Engineer - Associate