Venkat Kishan Bommali

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FULL STACK SOFTWARE DEVELOPER

SUMMARY

Full Stack Developer with almost 4 years of experience crafting cloud-native architectures and scalable applications. Skilled in containerized environments, microservice orchestration, and leveraging cutting-edge frameworks to build seamless, innovative solutions. Always learning, solving complex problems, and driving tech-forward progress.

TECHNICAL SKILLS

Programming/Web:	JavaScript, Typescript, Java, Python, Golang, C, C++, HTML, SQL/PLSQL
Libraries/Framework:	React, Node.js, Express.js, Spring Boot, Flask, Next.js, Spark
Databases:	Oracle, MySQL, NoSQL - Mongo DB, Postgres SQL, Cassandra
DevOps Tools:	Docker, Kubernetes, Jenkins (CI/CD), Github
Messaging & Caching:	EMS, Kafka, Redis
Cloud:	AWS – EC2, S3, ECS, SES, SNS, CloudFront, API Gateway

EDUCATION

The University of Texas at Dallas (2021 – 2023)	Master's in Computer Science	GPA 3.5/4
CMR College of Engineering & Technology (2016 – 2020)	Bachelor's in computer science	GPA 3.7/4

WORK EXPERIENCE

FOUNDING ENGINEER **MetaJungle, USA** **May 2024 - Present**

- Engineered user interface for **web3** applications with **React**, **Redux** using **JavaScript** & **TypeScript**, contributing to a 20% improvement in application responsiveness.
- Developed backend development systems, leveraging frameworks like **Node.js** and **Express.js**, achieving a 25% increase in backend performance and reliability.
- Engineered an AI system to scrape using **Django (Python)** and using **vector embeddings** in **MongoDB** for storage, with admin moderation and processing 500,000+ records daily, with automated **LLM** retraining.
- Achieved a 50% improvement in user engagement by deploying scalable microservices architecture using **AWS ECS, S3, CloudFront, and API Gateway**.
- Built and scaled distributed data pipelines, processing 1M+ blockchain transactions daily for **NFT** analytics, leveraging **GraphQL** and **Airflow**.
- Leveraged **webSockets** for instant messaging and utilized **webpack** to optimize asset delivery, ensuring a fluid user experience across multiple platforms.

FULL STACK DEVELOPER **Hartford Financial Services, USA** **August 2023 - May 2024**

- Spearheaded the development of **Java** applications, employing advanced concepts including inheritance and interfaces, resulting in a 20% increase performance across systems processing millions of transactions annually.
- Designed and optimized **REST APIs** through **Spring Boot** using **Swagger**, facilitating seamless communication between the front end and backend systems, improving system performance, reducing API latency by 20%.
- Built containerized CI/CD pipelines with Docker, Kubernetes, and Jenkins, enabling seamless deployments across 100+ servers, reducing downtime by 25%.
- Architected **Redis** for caching, **Cron** for task scheduling, and **AWS SES** for email delivery, boosting message throughput by 35% and reducing API response time by 20%.

ASSOCIATE SOFTWARE ENGINEER **Virtusa Corporation, India** **May 2019 - August 2021**

- Pioneered for developing a web application using **React JS**, **Redux** with **ES6** and **Flux** architecture for internal team's productivity use.
- Built backend microservices in **Golang**, reducing deployment time by 50% and scaling to support 1M+ daily users.
- Elevated **Java** proficiency and **Angular**, leading to a 15% reduction in page load times.
- Engineered healthcare platforms using **Node.js** to ensure seamless operations for 100K+ critical daily users.
- Architected advanced SQL database schemas, improving data integrity for a system managing over 1TB of data.
- Collaborated with **QA** team to implement automated **testing** frameworks, reducing manual testing efforts by 50%.

CERTIFICATIONS

MongoDB Certified Associate Developer Organization - **MongoDB** Credentials - **MDBh6mcjl9**