PRASANNA KUMAR NAGABOYINA

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PROFESSIONAL EXPERIENCE

Cambium Networks Pvt Ltd   **Bengaluru, Karnataka, India**
Engineer   *December 2022 - August 2023*
- Proficiently implemented REST API and gRPC servers, showcasing hands-on expertise in server-side development and Leveraged Golang's concurrency features and goroutines to enhance scalability and efficiency in parallel processing.
- Redesigned services for seamless interaction with AWS-Redis, resulting in a 20% improvement in session authentication and authorization management.
- Exhibited skill in creating and optimizing database applications, leveraging MySQL and MongoDB to achieve a 30% increase in data storage and retrieval efficiency .
- Successfully deployed microservices with Docker and also orchestrated containers using kubernetes, contributing to a streamlined and scalable deployment process that reduced deployment time by 40%.
- Designed, developed, and maintained a microservice to monitor network access points, gather performance statistics, and store data in InfluxDB, enabling real-time insights for network admins.
- Created custom Grafana dashboards, resulting in a 30% reduction in issue resolution time .
- Proficiently deployed and maintained server applications on Unix and Linux environments, demonstrating a deep understanding of system architecture. Effectively utilized shell scripting for automation, contributing to streamlined processes and improved operational efficiency.
- Acquired fundamental AWS skills by deploying and managing EC2 instances, utilizing S3 for storage, and configuring IAM for security. Launched a basic web application on AWS, demonstrating practical cloud knowledge resulting in 20% reduction in infrastructure costs.

Param Network Pvt Ltd   **Bengaluru, Karnataka, India**
Application Developer   *October 2021 - December 2022*
- Proficiently composed server-side applications using REST API, RPC, and GraphQL protocols resulting in an average of 25% reduction in server response times.
- Successfully integrated with the dedicated Param Blockchain Service, enabling seamless interaction with complementary wrapper services leading to a 10% increase in data processing speed .
- Demonstrated expertise in crafting database applications, employing queries and CRUD operations in both MongoDB and CouchDB to improve data access efficiency by 35%.
- Proficiently performed operations and generated comprehensive analytical insights for a client on Inventory Management, resulting in a 15% reduction in carrying costs and a 20% increase in inventory turnover.
- Possesses proficiency in HTML, CSS, and JavaScript, with expertise in modern frameworks like ReactJS, ensuring the development of responsive and user-friendly web applications.
- Championed the creation of software applications within a test-driven development framework,resulting in a 20% reduction in post-release defects and improving overall software quality.

Param Network Pvt Ltd   **Bengaluru, Karnataka, India**
Application Developer Intern   *June 2021 - August 2021*
- Proficiently developed server-side applications using Rest API, RPC, and GraphQL protocols.
- Successfully engaged with the dedicated Param Blockchain Service, facilitating seamless interaction with complementary wrapper services.
- Demonstrated skill in crafting database applications, employing queries and CRUD operations in both MongoDB and CouchDB.
- Proficiently performed operations and generated comprehensive analytical insights for Ultratech client on Inventory Managment.
- Led the creation of services for ETL conversion and EDI conversion, aligning with specific client specifications.

EDUCATION

Southern Arkansas University   **August 2023 - December 2024**
Master's, Computer Science
- Java , Python , Computer Networking , DBMS , Data Structures And Algorithms.

University Visvesvaraya College Of Engineering   **August 2017 - July 2021**
Bachelor's, Electronics And Communication Engineering   *GPA: 3.53*
- Operating Systems , C Language , Microprocessors and Microcontrollers , Embedded Systems .

SKILLS

Skills: AWS, Docker, GraphQL, JavaScript, JIRA, HTML/CSS, Java, MongoDB, MySQL, Postman, React.js, Redis, REST APIs, Python, Go, gRPC, Prometheus, Agile, Git, Linux/Unix, Apache Kafka