RAJANEESH HEBBALLI

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🎓 Education

Bachelor of Engineering – Electronics and Communication Engineering   2023
K.L.E. Institute of Technology, Hubli

💼 Work Experience

Junior Backend Developer
Digital Future of Education Pvt. Ltd., Bengaluru   Mar 2025 – Sept 2025

- Built and maintained CI/CD pipelines using GitLab for multiple microservices, reducing manual deployment effort by 40%. Optimized build and release workflows across environments, improving deployment consistency by 35%.
- Configured PostgreSQL primary–replica architecture, ensuring high availability and zero data loss during failover scenarios.
- Scheduled database backups and health checks, improving system reliability and recovery readiness by 30%. Supported production deployments and rollback activities, minimizing downtime to under 10 minutes per release.
- Assisted REST API integrations across services, enabling seamless data exchange between internal systems. Tuned SQL queries and indexes, improving database response time by 25%.

Intern
Haegl Technologies Pvt. Ltd. (Remote)   Jun 2024 – Oct 2024

- Created IoT-based solutions using Arduino, enabling automated real-time data collection. Streamlined data pipelines to process sensor data efficiently, improving data flow reliability by 30%.
- Applied machine learning models to enhance prediction accuracy and system performance. Increased model efficiency through iterative tuning, achieving measurable accuracy improvements.
- Assisted in integrating IoT devices with backend systems for end-to-end data processing. Monitored system outputs and logs to detect anomalies and performance bottlenecks.

Skills

- **Programming Languages:** Java, Python, JavaScript, Shell Scripting
- **Cloud Platforms:** AWS (EC2, S3, EBS, ECS, EKS, ECR)
- **DevOps & CI/CD:** Jenkins, GitLab CI/CD, GitHub, AWS CodePipeline, ArgoCD
- **Containerization & Orchestration:** Docker, Docker Compose, Kubernetes
- **Infrastructure as Code:** Terraform
- **Build Tools:** Maven
- **Web Technologies:** Angular, React, HTML, CSS
- **Databases:** PostgreSQL, MySQL

Projects

End-to-End CI/CD Pipeline | AWS, Jenkins, Docker, GitHub

- Designed an automated CI/CD workflow using Jenkins and GitHub, enabling continuous integration for 10+ code changes per release cycle.
- Configured Docker-based build stages to generate consistent container images across environments, reducing configuration drift by 40%.

Microservices Voting Application | Docker, Python, .NET, Redis, PostgreSQL

- Architected a microservices-based application using Python and .NET, enabling independent service execution and fault isolation.
- Integrated Redis caching with PostgreSQL to reduce database load and improve response times by 35%.
- Containerized all services using Docker and managed deployments via Docker Compose, supporting scalable inter-service communication.