BRENT FAWBUSH

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LinkedIn

SUMMARY

Dynamic and results-driven GoLang Engineer with 6 years of experience in designing, developing, and maintaining scalable and efficient backend solutions. Possess a strong understanding of computer science fundamentals and a proven track record of delivering high-quality software products. Seeking to leverage expertise in GoLang development to contribute to innovative projects in a collaborative team environment.

SKILLS

- Programming Languages: GoLang, Python, Java
- Web Technologies: HTML/CSS, JavaScript, Angular, Backbone
- Databases: MySQL, MongoDB, PostgreSQL, SQL Tuning
- Tools & Technologies: Docker, Kubernetes, Git, Jenkins, Microservices, Jira, Bitbucket
- Cloud Platforms: AWS, Azure, Google Cloud Platform
- Infrastructure as Code: Terraform, CloudFormation, Ansible
- Containers and Orchestration: Docker, Kubernetes, Helm
- Continuous Integration/Continuous Deployment (CI/CD): Jenkins, Gitlab CI/CD
- Monitoring and Logging: Prometheus, Grafana, ELK stack
- Operating Systems: Linux, Windows, MacOS

EXPERIENCE

SENIOR SOFTWARE ENGINEER | 07/2019 to Current
WWT Technology - **Louisville**, **KY**

- Joined the project during its active phase, contributing to expanding its scope by introducing new functionalities.
- Participated in the design, development, and implementation of a sophisticated Claims Management System tailored specifically for the medical industry.
- Automated and simplified the complex process of managing medical claims, ensuring prompt and accurate processing.
- Utilized Go/Golang to build a robust and efficient backend infrastructure.
- Employed AngularJS to craft a seamless, responsive user interface.
- Implemented a microservices architecture for flexibility and scalability.
- Switched between services during sprints to optimize task execution.
- Employed MySQL for data storage across services.
- Utilized Dbeaver for streamlined database access and management.
- Implemented a role-based system to restrict certain tasks to specific roles.
- Tweaked the existing system architecture to optimize performance and responsiveness.
- Introduced HTML routes for new features to enhance the overall user interaction and experience.
- Collaborated with the team to seamlessly switch between microservices, improving task execution efficiency during sprints.
- Conducted regular code reviews and provided constructive feedback to team members.
- Actively participated in sprint planning and retrospectives to enhance team productivity and efficiency.

BACKEND DEVELOPER | 03/2018 to 05/2019
Mindtree - **Louisville**, **KY**

- Designed and developed microservices architecture using GoLang, significantly

improving system scalability and performance.
- Implemented RESTful APIs and integrated with third-party services, ensuring seamless communication between different components of the system.
- Optimized database queries and implemented caching strategies to enhance application responsiveness and reduce latency.
- Collaborated with cross-functional teams to troubleshoot and resolve complex technical issues, ensuring smooth deployment and operation of production systems.
- Contributed to the development of a distributed system for real-time data processing using GoLang and Kafka, resulting in a 30% reduction in processing time.
- Designed and implemented concurrent and parallel processing algorithms to improve system throughput and resource utilization.
- Conducted code reviews and provided constructive feedback to team members, promoting best practices and code quality standards.
- Participated in Agile ceremonies such as sprint planning, daily stand-ups, and retrospectives to foster collaboration and transparency within the team.

CLOUD ENGINEER | 06/2016 to 03/2018
System Soft Tech - **Louisville**, **KY**

- Designed and implemented highly available and scalable cloud architectures using AWS services such as EC2, S3, RDS, and Lambda, ensuring optimal performance and reliability.
- Automated infrastructure provisioning and deployment processes using Terraform and Ansible, reducing manual effort and increasing efficiency by 40%.
- Implemented CI/CD pipelines with Jenkins and GitLab CI/CD to automate software delivery and enable rapid deployment of applications to cloud environments.
- Conducted regular security assessments and implemented best practices to ensure compliance with industry standards such as HIPAA and GDPR.
- Collaborated with development teams to design and implement Docker-based containerization strategies, enabling portability and scalability of applications across different environments.
- Managed Kubernetes clusters and orchestrated containerized workloads using tools such as Kubernetes, Helm, and Istio, improving resource utilization and application performance.
- Monitored and maintained production systems using tools like Prometheus, Grafana, and ELK stack, ensuring high availability and reliability of cloud-based services.
- Implemented infrastructure-as-code practices using tools like CloudFormation and Terraform, enabling version-controlled and repeatable deployment of cloud resources.

EDUCATION AND TRAINING

The University of British Columbia - **Vancouver, British Columbia, Canada**
Bachelor of Science
Computer Science, **10/2015**