

BHASSKAR K S

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Self-Motivated Software Engineer

Adaptive professional with excellent problem-solving skills and the ability to perform in a collaborative environment. Passionate about implementing easily scalable products for consumers.

EDUCATION

GITAM University

Bachelor's in Technology, Computer Science, June 2020

CGPA 8.2

Project: Smart Plug Solution IoT

TECHNICAL SKILLS

- Programming Languages: C#, Python, JavaScript
- Infrastructure as Code: Terraform
- Front-End Development: AngularJS, Angular 13, CSS, HTML
- Scripting: PowerShell, Bash Linux
- Methodologies: Scrum, Agile
- Databases: SQL, Cosmos DB
- Continuous Integration/Continuous Deployment: CI/CD
- Project Management: Rally
- API Development: REST APIs, Web API
- Frameworks: .Net
- Version Control: GIT
- Cloud Services: Azure
- Machine Learning: Open AI, Large Language Models (CodeLlama, Llama2)
- Collaboration Platform: GitHub
- Containerization: Docker
- Orchestration: Kubernetes
- Automation Servers: Jenkins

EXPERIENCE

Full Stack Engineer, Optum (4 years)

Key Accomplishments:

- Developed and implemented reusable Terraform modules for AWS and Azure services, resulting in significant efficiency and cost savings.
- Created a solution using Packer to generate machine images, streamlining the deployment process and reducing time-to-market.
- Implemented an Azure DevOps-based CI/CD pipeline for seamless migration of components to Azure.
- Integrated legacy CI using GitHub actions, streamlining the development and deployment process for legacy systems.

- Conducted disaster recovery testing and maintained automation code, fixing defects from production and delivering client enhancement features.
- Identified and resolved security vulnerabilities proactively using tools like Contrast, White Hat Sentinel, Pentest, CodeQL, and Dependabot.
- Developed a knowledge base chatbot using large language models, providing users with accurate information.
- Fine-tuned the llama2 model to improve the code review process on pull requests.
- Contributed to the delivery of client-specific features and enhancements.
- Modernized the CI/CD pipelines and migrated to Kubernetes-managed pods for Jenkins.
- Maintained Selenium-based automation for the product, ensuring its consistency and reducing false positives.

Responsibilities:

- Managed full end-to-end development lifecycle, including writing scalable multi-region production-deployable infrastructure code using Terraform for Azure.
- Ensured successful delivery of all assigned stories/features, adhering to all quality measures in-sprint automation.
- Served as a key team member, following PI models for delivery, and ensuring on-time delivery of features/defects.
- Conducted knowledge transfer (KT) sessions with both onshore and offshore teams, automating all manual tasks in automation nightly runs.

HOBBIES

Travel | Surfing | Snowboarding | Trekking | Football | Cricket | Violin | Home Barista