

PRADEEP GANGADHARAI AH

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Career Objective

Dedicated technology professional seeking an innovative organization where I can leverage my analytical skills and technical experience to drive meaningful business growth. I thrive on staying ahead of emerging technologies and industry trends through continuous learning and professional development. My goal is to join a collaborative, forward-thinking team where I can make significant contributions to organizational success while expanding my own capabilities. I am passionate about applying my skills to solve complex challenges and deliver tangible results that advance company objectives.

Education

REVA University

August 2017 – May 2021

B.Sc. (Hons.) Computer Science Specialization in Cloud Computing

Bangalore, Karnataka

Experience

Tavant Technologies

Bangalore, Karnataka

Senior Software Engineer / Senior DevOps Engineer

August 2024 – October 2025

- Conduct comprehensive code reviews implementing industry best practices to ensure high-quality software delivery and knowledge sharing across engineering teams.
- Orchestrated the transition from Jenkins pipelines to CircleCI workflows, optimizing CI/CD processes on AWS infrastructure.
- Successfully optimized CircleCI workflows, reducing build time, resulting in accelerated development cycles and improved team productivity.
- Authored Helm charts for microservices deployment using ArgoCD and AWS EKS.
- Implemented Infrastructure-as-Code with AWS CloudFormation, Terraform and Helm to provision and manage cloud resources.
- Used ChatGPT and Github Copilot for architecture brainstorming, debugging, improving feature delivery speed.
- Used Github Copilot for Documentation and code reviews
- Consistently delivered high-quality code contributions across multiple repositories, exceeding initial performance expectations and meeting aggressive project timelines.
- Demonstrated exceptional adaptability by quickly reaching full productivity despite later onboarding, achieving high-velocity output comparable to established team members.

MapleLabs

Bangalore, Karnataka

Software Engineer (Go Developer and DevOps Engineer)

June 2021 – August 2024

- Successfully managed the storage and retention of log data within the SnappyFlow platform using Golang, Kafka, Opensearch, AWS EKS and AWS S3, by implementing strategies to efficiently archive logs, ensuring data integrity and accessibility.
- Configured Monitoring and alerting for application health, latency, and resource usage.
- Writing and optimising dockerfiles
- Writing Bash shell scripts during circleci migration
- Utilized best practices to organize and maintain log data, optimizing storage solutions and ensuring compliance with data retention policies, balancing storage costs and data availability.
- Designed and developed RESTful APIs using Golang (Gin/Chi) for scalable microservices architecture.
- Played a key role in migrating the Jenkins pipeline to CircleCI, addressing potential challenges, and ensuring minimal disruption to ongoing processes for a smooth transition.
- Improved the efficiency and reliability of the CI/CD pipeline through migration, enhancing process automation and streamlining workflows for overall process optimization.
- Administered and optimized Ansible scripts for SnappyFlow infrastructure deployment, improving performance and reliability by refining configurations and implementing best practices. Ensured consistent and efficient deployments by standardizing and updating Ansible playbooks.
- Worked on Cisco projects using DevOps practices to enhance development and operational processes. Applied CI/CD methodologies to improve software delivery, automate workflows, and manage infrastructure efficiently.

- Actively participated in the development of SnappyFlow's monitoring tool by implementing new features and enhancements.
- Developed scalable microservices and backend components in Go, following clean architecture principles and writing reusable, testable code.
- Engineered custom monitoring Go plugins that seamlessly integrated with existing architecture, expanding system capabilities without disrupting operations.
- Enabled efficient monitoring of various system aspects and applications through real-time data collection and analysis.
- Provided valuable insights for improved performance and reliability by utilizing enhanced monitoring capabilities for data-driven decision-making.
- Integrated AI-assisted tools like GitHub Copilot and ChatGpt into daily workflow to enhance code quality, reduce errors, and follow best practices.
- Expanding my technical expertise while developing product-focused skills to enhance my professional capabilities.

Certifications

- Docker by KodeKloud
- Ansible by KodeKloud
- Jenkins by KodeKloud

Technical Skills

Version Control: Git , GitHub

CI/CD: CircleCI , Jenkins

Configuration Management: Ansible

Container Runtime: Docker

Artifactory: JFrog Artifactory, Dockerhub, AWS ECR

Container Orchestration: Kubernetes, Helm Charts

Monitoring, Logging and Alerting: Prometheus, Grafana, Splunk, SnappyFlow, New Relic

Programming Languages: Golang, Python

Scripting: Bash Shell Scripting

Operating System: Linux(Ubuntu and CentOS) , Windows

Cloud Services: AWS EC2, EKS, ECS, S3, RDS, ECR, Cloudformation, IAM

Secrets Management: Hashicorp Vault

Infrastructure as a code: Cloudformation, Terraform

Generative AI: ChatGPT, Github Copilot

Virtualisation: VMware Workstation, Oracle VirtualBox