

# SHASHIKANTH BOLLEM

DevOps Engineer | Cloud & Platform Engineering | Azure DevOps | AIOps

Hyderabad, India

+91 6281154418 | [shashikanth.bollem@gmail.com](mailto:shashikanth.bollem@gmail.com)

<https://www.linkedin.com/in/shashikanth-bollem-devops-engineer>

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## PROFESSIONAL SUMMARY

Results-driven **DevOps Engineer** with hands-on experience in designing, implementing, and operating **CI/CD pipelines, Kubernetes platforms, and cloud infrastructure** across **Google Cloud, AWS, and Azure DevOps** environments. Strong expertise in **Infrastructure as Code (Terraform)**, containerization, observability, and automation. Proven ability to improve deployment reliability, system scalability, and operational visibility. Actively applying **AIOps concepts** for proactive monitoring, anomaly detection, and incident reduction. Aligned with modern DevOps, SRE, and Platform Engineering roles.

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## CORE TECHNICAL SKILLS (ATS KEYWORDS)

### Cloud Platforms

- Google Cloud Platform (GKE, Cloud Build, Cloud SQL, IAM, VPC, Load Balancing)
- Amazon Web Services (EKS, EC2, IAM, VPC)
- Microsoft Azure (Azure DevOps)

### CI/CD & DevOps Tools

- Azure DevOps (Pipelines, Repos, Boards)
- GitHub, GitHub Actions
- Google Cloud Build
- CI/CD Pipeline Design, GitOps Concepts

### Containers & Orchestration

- Docker
- Kubernetes (GKE)
- Helm (basic understanding)

### Infrastructure as Code

- Terraform (Modules, State Management, Remote Backend)

## Observability, Monitoring & AIOps

- Google Cloud Operations Suite
- Prometheus, Grafana
- Centralized Logging & Alerting
- **AIOps Fundamentals:** anomaly detection, noise reduction, predictive alerts, root cause analysis concepts

## OS & Scripting

- Linux (Ubuntu, RHEL)
- Bash Scripting
- Python (Automation, Monitoring Scripts)

## Security & Reliability

- IAM & RBAC
- Least Privilege Access
- Disaster Recovery & Backup Strategies
- SRE Fundamentals (SLI, SLO, SLA)

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# PROFESSIONAL EXPERIENCE

## DevOps Engineer

### Bluecopa – Hyderabad

*June 2025 – Present*

- Designed and maintained **CI/CD pipelines using GitHub, Google Cloud Build, and Azure DevOps**, improving deployment consistency and release velocity.
  - Containerized microservices using **Docker** and deployed to **Google Kubernetes Engine (GKE)** with rolling updates and horizontal scaling.
  - Provisioned and managed cloud infrastructure on **GCP and AWS using Terraform**, reducing configuration drift and manual errors.
  - Implemented **IAM roles, service accounts, and RBAC policies** following least-privilege security standards.
  - Configured **VPC networking, firewall rules, and load balancers** to support secure internal and external traffic flow.
  - Established **monitoring, logging, and alerting** using Cloud Operations, Prometheus, and Grafana, improving MTTR.
  - Participated in **disaster recovery planning** including Cloud SQL backups, GCS object recovery, and full Kubernetes cluster recovery using **Velero**.
  - Applied **AIOps concepts** to analyze monitoring trends, reduce alert noise, and identify early indicators of system anomalies.
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## Software Engineer Intern

### AWG IT Solutions – Hyderabad

*Feb 2025 – May 2025*

- Assisted in backend and frontend development for internal applications.
  - Debugged REST APIs and optimized database queries to improve performance.
  - Collaborated in **Agile/Scrum** teams using Git for version control and code reviews.
  - Gained practical exposure to **SDLC, deployment workflows, and DevOps best practices.**
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## TRAINING & PROJECT EXPERIENCE

### Python Full Stack Developer – JSpiders

*Aug 2024 – Jan 2025*

- Developed **Django-based web applications** with MySQL backend.
  - Implemented authentication, authorization, and CRUD operations.
  - Used GitHub for version control and collaborative development.
  - Deployed applications following basic DevOps workflows.
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## EDUCATION

### Bachelor of Technology (B.Tech) – Computer Science Engineering (AI & ML)

Vaagdevi College of Engineering, Warangal

CGPA: **7.95** | 2024

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## CERTIFICATIONS

- DevOps Engineer & Site Reliability Engineer (SRE) Learning Path – Google Cloud
- Build Infrastructure with Terraform on Google Cloud
- Implement DevOps Workflows in Google Cloud
- Monitor Environments with Google Cloud Managed Service for Prometheus
- Monitor and Log with Google Cloud Operations Suite