

KARTHIK M

Software & DevOps Enthusiast

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Bengaluru, Karnataka

PROFESSIONAL SUMMARY

Software and DevOps enthusiast with hands-on experience delivering end-to-end CI/CD automation, containerized deployments, and full-stack applications. Track record of cutting deployment time, enforcing code quality, and building observable, production-ready systems. Seeking a Software Engineering or DevOps role where I can build and scale things that matter.

EDUCATION

Seshadripuram College - Bengaluru

Bachelor of Computer Applications

2023–2026

CGPA: 8.95/10

PROJECTS

Automated DevOps CI/CD Platform

2026

Stack : GitHub Actions, Docker, Kubernetes, SonarQube, Trivy, Prometheus, Grafana, AWS EC2

- Architected an end-to-end CI/CD pipeline using GitHub Actions, reducing manual deployment effort by 70% and cutting average deployment time from 45 min to under 12 min.
- Containerized 3 microservices with Docker and orchestrated zero-downtime deployments on Kubernetes, achieving 99.9% uptime across staging and production environments.
- Integrated SonarQube for static code analysis and Trivy for vulnerability scanning, automatically blocking 100% of critical CVE findings before merge.
- Configured Prometheus + Grafana dashboards with custom alerting rules, enabling real-time observability across 5 infrastructure metrics and reducing MTTR by 35%.

TechQuest – Tech Career Guidance Platform

2025

Stack : React, JavaScript, HTML, CSS, REST APIs

- Engineered a full-stack React platform covering 5-6 tech domains and 25 career roles, providing structured beginner-to-advanced roadmaps for users starting their tech journey.
- Designed a level-based learning system with curated resources and hands-on tasks at each stage, helping users progress methodically through any chosen career path.
- Implemented secure user authentication and account management with persistent progress tracking, enabling users to save and resume their roadmap journey across sessions.
- Built an integrated resume builder module allowing users to generate and download professional PDF resumes in under 2 minutes, increasing session duration by 40%.

TECHNICAL SKILLS

Languages: Python, JavaScript, C, HTML, CSS, SQL, Bash

Frameworks: React, REST APIs

DevOps: Docker, Kubernetes, GitHub Actions, CI/CD, AWS EC2, Prometheus, Grafana, SonarQube, Trivy

Databases: MySQL, MongoDB

Tools: Git, GitHub, Linux, VS Code, Power BI, n8n(Workflow Automation)

Concepts: System Design, Microservices, Infrastructure as Code, Agile, Unit Testing, Observability

LEADERSHIP

Founder & Operations Lead – Suspicious Troop

2024

Event Management Startup

Bengaluru

- Founded and scaled an event management startup with a team of 10+ collaborators.
- Managed vendors, logistics, artist coordination, and reduced operational costs by approximately 20%.