DEVOPS ENGINEER

KHANGESH MATTE

CONTACT INFORMATION

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SKILLS

- C++,Python, Go, Batch, Shell Scripting
- SVN,GIT, Bitbucket
- Jenkins, Azure Devops, Github Actions
- AWS, Azure
- Prometheus, Grafana, Datadog
- MySQL, MongoDB
- Polarion, Confluence,Polarion, Agile/Scrum, SAfe
- VPC, Firewall, Load Balancer, DNS
- Docker, Kubernetes (K8s), Terraform, Linux,virtualization(HyperV)
- Jfrog, Nexus

LANGUAGES

- English | Native. C1
- German | Intermediate. B1

OBJECTIVE

Experienced Software Developer and DevOps Engineer with 3 years of expertise in automation, CI/CD pipeline management, cloud infrastructure, and containerization technologies. Proven ability to enhance efficiency, reliability, and scalability in software development and deployment processes. Skilled in collaborating with cross-functional teams to streamline workflows and implement best practices. Committed to continuous improvement and delivering high-quality software solutions in dynamic environments.

EXPERIENCE

DEVOPS ENGINEER

T and S Services GmbH (Clients: AGCO, VWIF). Stuttgart, Germany | Jun 2022 - Present

- **Cloud & Infrastructure:** Managed AWS & Azure infrastructure (EC2, S3, RDS, VPC, IAM), provisioning and scaling using Terraform and Ansible; handled cloud service setup, access control (IAM/RBAC), and network configurations (VPC, DNS, firewalls, load balancers).

- **CI/CD & Automation:** Designed, implemented, and maintained CI/CD pipelines (Jenkins, GitHub Actions, GitLab), automating build/release with Python, Bash, and Batch scripts, reducing errors by 40% and accelerating deployments by 30%.

- **Containerization & Orchestration:** Deployed, managed, and scaled containerized applications using Docker and Kubernetes, ensuring high availability and fault tolerance in production.

- **Monitoring, Logging & Security:** Integrated SonarQube, Prometheus, Grafana, and ELK Stack (Elasticsearch, Logstash, Kibana) into pipelines for code quality, security compliance, and real-time observability.

- **Version Control & Migration:** Led migrations between Azure DevOps, GitHub, Bitbucket, and SVN, ensuring smooth transitions with no workflow disruptions.

- **Collaboration & Agile:** Proactive team player with strong agile/scrum experience, excellent problem-solving skills, and a customer-centric mindset.

- **Skills:**Jenkins, GitHub Actions, GitLab, Bitbucket, Docker, Kubernetes, Terraform, Ansible, AWS (EC2, S3, IAM, VPC), Azure, ELK Stack, Prometheus, Grafana, SonarQube, Black Duck, Python, Bash, Batch, Networking (VPC, DNS, IAM), Access Management, Agile/Scrum, CI/CD, Cloud Scalability, IaC.

EMBEDDED SOFTWARE DEVELOPER

Continental AG. Hamburg ,Germany | Mar 2021 - Sep 2021

- **Researched and prototyped** innovative products to align with company goals and client requirements.

- **Utilized software development** tools throughout all phases of the product lifecycle.

- **Explored and evaluated emerging technologies** like AWS IoT Greengrass, Raspberry Pi, and Docker for integration into IoT solutions.

- **Led a team in planning and executing** product development initiatives with collaborative input from stakeholders.

- **Developed embedded software** for real-time systems using C/C++ and Python, improving system performance by 30%.

- **Collaborated with cross-functional** teams to design and implement firmware for microcontrollers, contributing to successful product launches.

- **Conducted unit testing and debugging** of embedded applications, reducing software defects by 25%.

- **Technologies used:** Raspberry Pi, Arduino, Docker, DS18B20, I2C, One-Wire Protocol, Embedded C, Python

EMBEDDED SYSTEMS ENGINEER

Minilec India PVT ltd. Pune, India | Dec 2017 - Jan 2019

- **Conducted unit testing** and PCB design with Embunit and Eagle, ensuring product specification alignment.

- **Performed product** validation and hardware verification to maintain quality standards.

- **Led embedded testing**, designed test strategies, and created test reports.

- **Provided technical support** for unit testing activities.

- **Technologies used:** PIC16/PIC18 Micro-controllers, Eagle, Unit Testing, Circuit Design

EDUCATION

MASTERS OF ENGINEERING IN ELECTRONICS EMBEDDED SYSTEM

ESIGELEC. Rouen, France | Sep 2019 - Sep 2021

BACHELOR OF ENGINEERING IN ELECTRONICS

KDK college of Engineering . Nagpur | Mar 2012 - Jun 2016

CERTIFICATIONS

- AWS Foundational certification(In progress)

- Learn Devops:Docker, Kubernetes, Terraform, AWS

- Unit testing and Test Driven Development in python

- The Complete Python Course On "UDEMY"(self)

- Hackerrank certification(Python)