

Saabith K

Devops engineer

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PROFILE

Versatile Engineer skilled in DevOps, AI, Data Analysis, and Frontend Development. Proficient in Python, Java, C, React, AWS, Docker, Kubernetes, Terraform, and CI/CD. Strong in cloud computing, automation, data-driven insights, and scalable infrastructure development. Passionate about system optimization, workflow enhancement, and building reliable, intelligent solutions

SKILLS

- Programming Languages: Python, C, Java
- Scripting: Bash, Shell
- Operating Systems: Linux, Windows
- Version Control: GitHub, GitLab
- Development Tools: VS Code, Maven
- Software Development: Data Structures, Algorithms, Object-Oriented Programming (OOP)
- Database Management: SQL
- Cloud & DevOps: AWS, Docker, Kubernetes, Terraform, CI/CD
- Frontend Development: React, Next.js, HTML, Tailwind CSS, CSS

EDUCATION

Bachelor of Computer Applications (BCA)

2018 – 2021

university of calicut

GPA: 63%

Higher Secondary Education (Science)

2016 – 2018

kerala state board

GPA: 74%

PROFESSIONAL EXPERIENCE

Computer Science Lab Instructor

02/2023 – present

MEA Engineering College, Perinthalmanna

- Guided students in programming with Python, C, Java, and SQL.
- Supported learning in areas such as Linux systems, debugging, and networks.
- Maintained lab infrastructure and ensured

DevOps Intern

Techmindz, Kochi

- Automated infrastructure provisioning using Terraform and shell scripts.
- Built and managed CI/CD pipelines using Jenkins and GitLab.
- Deployed applications using Docker and Kubernetes.
- Worked on AWS EC2 instances and VPC setup for deployment environments.
- Participated in improving system performance and reliability

PROJECTS

Scalable Microservices Architecture

- Refactored a monolithic app into microservices using Docker and Kubernetes.
- Implemented CI/CD workflows for deployment automation.
- Ensured horizontal scalability and improved performance metrics

Automated Configuration Management with Ansible

- Use Ansible playbooks to install and configure Apache, MySQL, or Jenkins on EC2 instances.

Infrastructure as Code (IaC) using Terraform

- Create VPCs, EC2 instances, load balancers, security groups with Terraform scripts.

Chat with your pdf

- Developed a system to answer questions from multiple PDFs by integrating Google's Gemini 1.5 Flash model for natural language understanding and retrieval.

AI-Integrated College Event Management System

- Designed a system aimed at automating and streamlining the management of college events such as cultural fests, seminars, and sports, incorporating AI-driven features to enhance operational efficiency and user experience.

Indian Legal Advisor Chatbot

- AI-powered Legal Advisor Chatbot for instant legal guidance.

PROFESSIONAL SKILLS

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| • Strong troubleshooting and automation mindset | • Team collaboration and communication |
| • Fast learner and adaptable to new technologies | • Detail-oriented with a focus on continuous improvement |

LANGUAGES

malayalam	<div><div></div><div></div><div></div><div></div><div></div></div>	english	<div><div></div><div></div><div></div><div></div><div></div></div>
hindi	<div><div></div><div></div><div></div><div></div><div></div></div>		