

## SUBRAHMANYA K P



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### Professional Summary:

A highly skilled result-oriented professional with 3+ years of experience in IT industry, as a DevOps Engineer with hands-on experience in designing and implementing automated deployment pipelines and configuration management systems. Collaborated with development teams to implement agile methodology and performance tuning procedures, resulting in a 30% reduction in security incidents and a 25% improvement in system performance. Proficient in monitoring and alerting systems, reducing mean time to resolution (MTTR) by 40% and improving system uptime by 25%.

### TECHNICAL SKILLS:

#### DevOps

CI/CD Tool:	Jenkins, Azure DevOps, AWS DevOps
Build Tool:	Maven, Dotnet
Container Management Tool:	Azure Kubernetes Service, Kubernetes, EKS
Source Code Management:	Git
IAC Tools:	Ansible & Terraform
Containerization Tool:	Docker
Ticketing Tool:	JIRA
Artifact Management Tool:	Docker, ECR
Code quality checkTool:	SonarQube
Operating System:	Windows, Linux
Cloud Platform:	Azure Cloud, AWS Cloud

### WORK EXPERIENCE:

#### Tata Consultancy Services

Aug 2021 - Jun 2024

Designation: Systems Engineer

Role: DevOps Engineer

#### Rashtriya Chemical and Fertilizers (PSU)

Jun 2024 - Present

Designation: Management Trainee

Role: .Net Developer and DevOps Engineer

### PROJECTS:

Project 1	IFF Digital Twin
Organization	TCS, (Client: Intel)
Tools & Technology Used	Kubernetes, Docker, Helm, Jenkins, Git, AWS, Sonarqube, Linux, Docker, Postman
Role	DevOps Engineer
Responsibilities	<ul style="list-style-type: none"><li>-Build continuous integration &amp; continuous deployment pipeline using Jenkins</li><li>-Writing Docker files for docker images to be used for application deployment</li><li>-Manage source code repository using GIT</li><li>-Deployments using Docker repo</li><li>-POD Management in Kubernetes Cluster</li><li>-Integrate Code quality tools like Sonarqube</li><li>-Integrating security analysis tools like OWASP Dependency check</li><li>-Prepare high level documentation explaining Installation &amp; Configuration.</li><li>-Creating Gitlab webhooks for automating Jenkins jobs</li><li>-Using JIRA tool for ticket tracking</li></ul>

<b>Project 2</b>	Intelligent traffic management
<b>Organization</b>	TCS, (Client: Intel)
<b>Tools &amp; Technology Used</b>	Kubernetes, Docker, Helm, Jenkins, Git, AWS, Sonarqube, Linux, Docker, Postman
<b>Role</b>	DevOps Engineer
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>-Using maven for building the projects</li> <li>-Integration of tools like Sonarqube, Owasp Dependency Check</li> <li>-Adding Linux VM as an agent for running pipelines</li> <li>-Provisioning AWS VMs Using Terraform</li> <li>-Build continuous integration &amp; continuous deployment pipeline using Jenkins</li> <li>-Writing Docker files for docker images to be used for application deployment</li> <li>-Manage source code repository using GIT</li> <li>-Deployments using Docker repo</li> <li>-POD Management in Kubernetes Cluster</li> <li>-Integrating security analysis tools like OWASP Dependency check</li> <li>-Prepare high level documentation explaining Installation &amp; Configuration.</li> <li>-Creating Gitlab webhooks for automating Jenkins jobs</li> </ul>

## Certifications & Awards:

### Certifications-

- **AZ-900** Azure Fundamentals
- AWS Certified Cloud Practitioner

### Awards-

- **Customer Delight** -> Received for doing multiple POCs and getting good feedback, appreciation from engagements
- **Hero Of The Cluster** -> Received for good work performance in the project

## EDUCATION:

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| • B.E From <b>Dr. Ambedkar Institute of Technology</b> , Bengaluru | Aug 2017 – June 2021 |
| • 12 <sup>th</sup> From Jawahar Navodaya Vidyalaya (CBSE Board)    | 2016                 |
| • 10 <sup>th</sup> From Jawahar Navodaya Vidyalaya (CBSE Board)    | 2014                 |