Tara Prasad Mavanur Ramaprasad

DevOps Engineer.

Analyst-to-DevOps transition professional with a strong foundation in operations analysis and a hands-on DevOps skillset acquired through the DataScientest Bootcamp (April – September 2025). Experienced in automating software delivery pipelines, containerization, cloud infrastructure, CI/CD, orchestration, and monitoring. Adept at combining analytical insights with technical DevOps solutions to optimize deployment, performance, and security.

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🔗 Tarakadambi.github.io/Tarakadambi.portfolio-repo

⚙ github.com/Tarakadambi

WORK EXPERIENCE

Relocation to Munich June 2018.(Completed B2 German n DevOps Bootcamp)
Munich

Operations Analyst
Indian Bank, Singapore

01/2017 - 03/2018   *Singapore*
Investment Bank

Achievements/Tasks
- Assisted in developing SOPs (documenting best practices and workflows for operational consistency) for consistent operational practices.
- Acted as liaison between departments, ensuring timely communication.
- Analysed operational data to identify trends and issues.
- Handled customer inquiries and complaints for prompt resolution.

Temp Admin
Prosper Coal and Energy Pte Ltd, Singapore

04/2017 - 09/2017   *Singapore*

Achievements/Tasks
- Managed administrative support tasks in a dynamic workplace environment.

Child Care
Singapore

01/2010 - 03/2017

Customer Support Executive
RiverVale Walk RC

01/2008 - 12/2009   *Singapore*
Government Administration

Achievements/Tasks
- Delivered exceptional customer service within specified timeframes.
- Used analytical and problem-solving skills to resolve operational challenges.
- Developed strong communication skills and organized team events.

Customer Support Assistant
ICICI Bank , Singapore

Singapore
Investment Bank

Achievements/Tasks
- Responded to client inquiries, provided technical support, and handled high-volume tickets.
- Streamlined communications with Mumbai HQ to improve response times.

TECHNICAL SKILLS

DevOps & Cloud: Terraform, Ansible, Kubernetes, Helm, Docker, GitLab CI/CD, Jenkins, AWS (EKS, RDS, S3, CloudWatch)

Monitoring : Prometheus, Grafana, Datadog

Programming & Scripting: Python, SQL (MySQL, PostgreSQL)

Data & Visualization: Power BI, Tableau, Excel (Pivot Tables, Dashboards), Data Cleaning & Modeling

Operating Systems: Linux (Ubuntu)

PROJECTS

Automated Deployment of WordPress Web Server on AWS
- Designed and deployed a scalable WordPress + MySQL stack using **Terraform (IaC), Docker, Kubernetes (EKS), and Helm** . Tara Samira Datascientest / project_2025_app · GitLab
- Implemented CI/CD pipelines with **GitLab CI/CD** and integrated **Prometheus/Grafana** for monitoring and alerts

Python Automation & Data Analysis Projects:
- Festival Sales Report: https://github.com/Tarakadambi/Python_Festival
- Student Analysis: https://github.com/Tarakadambi/Python_StudentAnalysis
- Music Data Analysis:https://github.com/Tarakadambi/python_music_data

Power BI Projects:
- Bank Churn Dashboard: https://github.com/Tarakadambi/PowerBI
- Financial Analysis Dashboard: https://github.com/Tarakadambi/Financial-Power-BI

SQL & Excel Projects:
- SQL: MySQL/PostgreSQL queries for database analysis :https://github.com/Tarakadambi/library
- Excel Dashboards using Pivot Tables, Charts: https://github.com/Tarakadambi/test_ods

Tableau Dashboards:
- Airline and COVID-19 data visualizations

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EDUCATION & CERTIFICATES

DevOps Bootcamp
DataScientest
04/2025 - 08/2025   *München*

Bachelor of Engineering, Industrial Production,
JNNCollege of Engineering, Karnataka, India

German Language - B2 (course completed)
Anderwerk.de, Munich

Certificates
SkillUp
Achievements/Tasks
- Data Science with Python
- Business Analytics
- Tableau Training
- Power BI

CERTIFICATE- Software Testing
System Domain, Bengaluru , India
Achievements/Tasks
- Software Tool Testing

Achievements
Certificates
Achievements/Tasks
- Winner, International Yoga Quiz Competition, 2020, organized by Indian Council for Cultural Relations, Munich
- Voluntary Service Award 2016 , RC Singapore - GO GREEN From Singapore MP Michael Palmer.

LANGUAGES

German: B1/B2
Munich

English
Professional Proficiency

Tamil & Hindi
Professional Proficiency

Kannada
Native Speaker

SOFT SKILLS

Effective Communication, Team Collaboration, Problem Solving, Operations Management

DEVOPS BOOTCAMP (DATASCIENTEST : APRIL 2025 – SEPTEMBER 2025)

1. NoSQL / MongoDB Project
https://github.com/Tarakadambi/mongodb
- Managed and queried MongoDB collections(books.json) using PyMongo.
- Created aggregation pipelines, filtered data, and extracted insights.

2. Docker & API Testing Project
https://github.com/Tarakadambi/Docker
- Built Docker images for FastAPI applications and test containers.
- Automated authentication, authorization, and content tests via containers.
- Orchestrated multi-container testing using docker-compose.yml .

3. Linux Administration
- Installed WordPress with Nginx, PHP 8, and MariaDB.
- Configured SSL with Let's Encrypt and implemented automated backups.

4. Kubernetes Orchestration Project
https://github.com/Tarakadambi/kubernetes.task
- Deployed FastAPI and PostgreSQL microservices with persistent storage.
- Configured namespaces for dev, QA, staging, and prod.
- Developed Helm charts for WordPress and microservices deployment.

5. GitLab CI/CD Automation
 https://gitlab.com/tara.kadambi/magento-gitlab
- Created pipelines for building, testing, and deploying WordPress and microservices.

6. Jenkins CI/CD Automation
- Designed Jenkins pipelines (Jenkinsfile) for dev, QA, staging deployments; manual approval for prod.

7. Terraform Infrastructure as Code (IaC)
- Provisioned AWS resources (EC2, RDS, EBS, VPC, ALB) using Terraform modules.
- Automated WordPress installation with install_wordpress.sh .

8. Ansible Automation :
https://github.com/Tarakadambi/Ansibleexam
- Developed roles for Magento and MySQL deployment.
- Verified role functionality using Molecule and Testinfra.

9. Monitoring & Observability
- Prometheus & Grafana for WordPress and microservices metrics.
- Datadog for APM tracing, CPU/RAM/Pod alerts, and multi-cloud Kubernetes monitoring.

INTERESTS

Reading books   Gardening   Listening to music