

PRAVIN ABDUL KALAM M

DevOps and Data Engineering Professional

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Chennai, India



SUMMARY

I am a DevOps and Data Engineering professional with expertise in designing scalable infrastructure, automating deployment workflows, and implementing real-time monitoring using Prometheus and Grafana. Proficient in Kubernetes, CI/CD practices, and building robust ETL pipelines. Skilled at transforming complex data into actionable insights and delivering comprehensive solutions across automation testing and campaign management.

EXPERIENCE

Devops Engineer

Finstein Advisory Service LLP

06/2023 - Present Chennai, India

- A leading advisory service company specializing in technology-driven solutions
- Designed and deployed containerized applications using Docker and orchestrated them with a scalable Kubernetes cluster, resulting in improved deployment efficiency, reduced infrastructure costs, and minimal downtime. Enhanced system reliability and scalability through advanced monitoring and observability practices.
 - Implemented CI/CD pipelines using GitHub Actions, automating build, test, and deployment processes to accelerate delivery cycles, improve code quality, and ensure consistent, reliable releases.

Data Engineer

Finstein Advisory Service LLP

12/2022 - 05/2023 Chennai, India

- A leading advisory service company specializing in technology-driven solutions
- Implemented comprehensive developer productivity monitoring system by integrating GitLab's REST API with Influx DB and Grafana, providing real-time visualization of commit frequency, pull request throughput, review cycles, and code quality metrics
 - Developed Python automation scripts to extract, transform, and load developer activity data from GitLab into time-series databases, creating actionable insights for engineering managers
 - Created custom Grafana dashboards displaying team and individual developer productivity metrics, code review efficiency, and sprint velocity, improving project transparency and resource allocation by 25%
 - Designed and implemented data pipelines for continuous metrics collection, ensuring reliable and scalable data flow from multiple sources
 - Collaborated with engineering leads to define meaningful KPIs and metrics for measuring team performance and identifying process improvements

Automation Tester - Intern

Finstein Advisory Service LLP

04/2022 - 11/2022 Chennai, India

- A leading advisory service company specializing in technology-driven solutions
- Developed and implemented a cross-platform automation testing framework using Appium for both iOS and Android platforms
 - Designed the framework to support bilingual testing (English and Arabic) to ensure localization and internationalization compliance
 - Utilized a JSON-based approach to manage and externalize test data, improving reusability and scalability of test cases
 - Used Xcode and Appium Inspector for element identification and UI inspection on iOS and Android applications

STRENGTHS

Decision Making & Problem Solving

Strong decision-making skills and adept at problem-solving

Communication & Time Management

Excellent communication skills and effective time management abilities

Critical Thinking & Teamwork

Critical and creative thinking with strong teamwork and collaboration skills

KEY ACHIEVEMENTS

Automation Testing Framework Development

Developed and implemented an automation testing framework that enhanced testing efficiency and improved reusability of test cases

Developer Productivity Monitoring System

Created a productivity monitoring system that provided real-time insights improving project transparency and resource allocation by 25%

LANGUAGES

Tamil

Native



English

Native



SKILLS

Airflow		Appium		Playwright		Docker					
ETL		Git		Grafana		InfluxDB		Ionic			
JavaScript				Kubernetes				NestJS			
PostgreSQL				Prometheus				PySpark			
Python			TypeScript			Xcode					
Shell Scripting				Node.js			Angular				
MySQL		Go		Terraform		Ansible					

INTERESTS

Learning New Technologies

EXPERIENCE

Software Developer - Intern

Finstein Advisory Service LLP

📅 06/2021 - 03/2022 📍 Chennai, India

A leading advisory service company specializing in technology-driven solutions

- Developed and integrated a Campaign Management module into an existing application ecosystem, consisting of a web-based admin panel (Angular) and a mobile app (Ionic)
- Implemented push notification functionality to support dynamic and targeted user communication, improving overall engagement and campaign reach
- Built user interfaces and workflows for the admin dashboard, enabling users to create, schedule, and manage campaign content with ease
- Integrated the campaign module within the Ionic mobile app to receive and display notifications, ensuring a seamless user experience across devices
- Scheduled and automated campaign deliveries using cron jobs, enabling timely dispatch of messages and reducing manual intervention

EDUCATION

BTECH-IT

University College of Engineering Villupuram

📅 08/2019 - 05/2023 📍 Villupuram, India