

GAUTAM PERUMAL

Bangalore, Karnataka

+91 9620053643 ✉ gautamappu0@gmail.com 🌐 gautam.p 📧 PGautam27

Education

Reva University

B.Tech. in Computer Science Engineering – CGPA: 9.30

Oct 2020 – Jun 2024

Bangalore, India

Experience

Bottomline Technologies

DevOps Engineer

Sep 2024 – Present

Bangalore, India

- **Developed Jenkins pipelines and Groovy scripts** for automated build configurations, reducing manual intervention and improving deployment efficiency.
- **Migrated legacy Jenkins infrastructure to Kubernetes**, implementing dynamic scaling for build agents based on workload thresholds, reducing resource overhead and improving efficiency.
- **Automated CI/CD pipeline maintenance** by converting manual VM upkeep into automated Python and Shell scripts, minimizing downtime and operational effort.
- **Implemented advanced monitoring and alerting** using Prometheus, Grafana, and ELK stack, creating custom dashboards and alerting rules for proactive incident management.
- **Automated Jira workflows** with ScriptRunner and integrated Microsoft Teams bot for real-time ticket updates, boosting team efficiency by 10%.

Resolute (Human Fractal AI)

Software Engineer (Cloud Focus)

Jun 2023 – Aug 2024

Bangalore, India

- **Architected distributed cloud systems on AWS** using Lambda, DynamoDB, API Gateway, and EventBridge, improving system reliability by **20% for 10,000+ daily transactions**.
- **Automated routine operational tasks** by building an MS Teams bot with Azure Bot Framework, reducing manual interactions by **30%**.
- **Optimized real-time data pipelines for analytics**, increasing processing efficiency by **25%**.
- **Contributed to frontend development** in a mono-repo setup using React.js, TypeScript, and Tailwind CSS, ensuring seamless integration with backend services.

Technical Skills

Languages: ava, Kotlin, JavaScript, TypeScript, Python, Bash

CI/CD & GitOps: Jenkins, GitLab CI, Jira ScriptRunner, ArgoCD, Helm

Containers & IaC: Docker, Kubernetes, Terraform

Monitoring: Prometheus, Grafana, ELK Stack (ElasticSearch, Logstash, Kibana)

Cloud Platform: AWS (Lambda, DynamoDB, API Gateway, EventBridge), Azure

Other Tools & Frameworks: Node.js, React.js, Tailwind CSS, MongoDB

Projects

Dockmate 📄 | *Node.js, JavaScript, Socket.io, Docket*

Dec 2024

- **Developed** Developed a CLI tool to automate Dockerfile creation and container management, reducing setup time by **40%**.
- Published as an **npm package** for easy integration into developer workflows.
- Wrote detailed documentation and a Medium article to guide developers in adopting containerization best practices. 📄
Medium

AnymChat (Kubernetes Chat App) 📄 | *TypeScript React.js, Docker, Kubernetes*

Aug 2024

- Implemented Kubernetes orchestration for a microservices-based chat application, ensuring scalability and fault tolerance.
- Configured pods, services, and deployments to optimize resource utilization and improve system resilience.

Achievements

- **Best Research Paper Award (IACIT-2022)** – Recognized for innovative research on word prediction efficiency.
- **President, DevTrack Technical Club** – Organized technical events and fostered a developer community at Reva University.