

PRANEETH T T



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[LinkedIn](#)

[GitHub](#)

[Medium](#)

DevOps Engineer with 4+ years of experience in optimizing AWS/Azure infrastructures, managing configurations, and automating CI/CD workflows.

WORK EXPERIENCE

DevOps Engineer | Genpro Research

Apr 2022 - Present

- Successfully **migrated legacy Docker applications to Kubernetes**, enhancing scalability, resource utilization, and overall system efficiency.
- Streamlined infrastructure provisioning (**70% faster with Terraform**) and implemented **CI/CD caching mechanism (60% reduction in execution time)**.
- Implemented seamless **deployment of ML models** such PySpark using Docker.
- Implemented a robust monitoring stack (**ELK Stack, Prometheus, Grafana, Loki**) for improved visibility and proactive issue resolution.
- Implemented **SonarQube**, leading to a **40% improvement in code quality and a 35% reduction in potential issues**.
- Implemented a comprehensive **alerting system** for Grafana dashboards, providing **notifications** for system downtime and GitLab deployment completion **via Team channels**.

Associate DevOps Engineer | Inapp

June 2021 - Apr 2022

- Implemented Infrastructure as Code (IaC) with **Terraform**, **reducing provisioning time by 30% and lowering infrastructure costs by 20%**.
- Managed code repositories on **GitLab, Bitbucket and Github**, ensuring a **15% improvement** in version control accuracy and fostering a 25% increase in team collaboration efficiency.
- Optimized AWS services such as **EKS, EC2, VPC, Cognito, and RDS**, resulting in increased application uptime and reduced response time.
- Automated **CI/CD pipelines using AWS Code Pipeline and Code Build**, significantly reducing deployment errors and accelerating time-to-market for software releases.
- Efficiently packaged and deployed ML models such as **PySpark** by developing and maintaining **Docker** container images.
- Streamlined processes through the development of **Python and Bash scripts**, automating tasks for enhanced efficiency.

Junior Software Engineer | Suttlejsoft

July 2019 - Jan 2020

- Experienced .NET developer with 7 months of focused practice in server-side development.
- Proficient in **ASP.NET, C#, and MySQL** database management for building robust and scalable solutions.
- Skilled in developing Windows applications and adept at version control with Git.
- Developed user interfaces using Angular, contributing to comprehensive project development.

PROJECTS

BiryaniHub

[GitHub](#)

- Developed BiryaniHub, a responsive web app using JavaScript, Next.js, CSS, Sanity, and Stripe.
- Leveraged Next.js for server-side rendering, enhancing performance.
- Integrated Stripe for secure payment processing and deployed to Vercel.

Technologies Used: JavaScript, Next.js, CSS, Sanity, and Stripe, Docker.

Blogsite

[GitHub](#)

- Created a blog site using Python Flask, HTML, and CSS for my college project.
- Implemented user-friendly features for posting and commenting on blog posts.
- Utilized Flask framework for efficient development and enhanced user experience.

Technologies Used: Python, Flask, HTML & CSS, SQL-Alchemy, Docker.

EDUCATION

Bachelor of Computer Applications - BCA

July 2016 - July 2019

Kannur University, Kerala, India - **7.5/9.5 GPA**

SKILLS



- **Tools/Platform/Programming:** Python, Terraform, Ansible, Docker, Kubernetes, Helm, GitLab, GitHub Actions, Jenkins, ArgoCD, Prometheus, Grafana, Loki, Azure, AWS, PostgreSQL, Linux, Bash, CMake, Git, Kafka, Redis, Prompt-Engineering, ChatGPT.
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CERTIFICATIONS

- [AWS Knowledge: Amazon EKS](#)
 - [AWS Knowledge: Cloud Essentials](#)
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ADDITIONAL INFORMATION



- **YouTube content creator** with a focus on teaching Python and other programming languages to a diverse audience.
- Developed engaging and informative tutorials, demonstrating practical applications and best practices in programming.
- Utilized effective communication skills to simplify complex concepts and foster a supportive learning environment for viewers seeking to enhance their coding skills.

YouTube: Cryptocode
