

Chaitanya Tyagi

Senior Software Engineer

LinkedIn: <https://www.linkedin.com/in/chait-tyagi/>

Open to relocation

Contact

(+91) 7292022169
chaitanya.tya@gmail.com

Education

Birla Institute of
Technology
Mesra, Ranchi
B.E Computer Science
and Engineering
CGPA 7.9

Key Skills

Golang, python3, Java AWS,
GCP, Kubernetes, Terraform,
Git, SQL, Helm, Snowflake,
Software As a Service (SAAS),
Jenkins, Pulumi, Ansible,
Docker, Redis, Mysql, Kafka,
DynamoDB, Linux, Cloud
Infrastructure, Continuous
Integration Strategies, DevOps,
CI/CD, monitoring, networking,
REST APIs, Agile, Platform,
Problem-solving, Collaborative,
Innovation, Adaptability,
Flexible, Open Source
Enthusiast.

Certifications

- AWS Certified Solutions Architect Professional
- Certified Kubernetes Applications Developer
- Google Cloud Developer Professional
- AWS Certified Data Analytics Specialist

Professional Summary

Experienced Senior Software Developer skilled in crafting impactful solutions and optimising system performance. Passionate about system architecture and cloud computing. Love to take ownership in key projects. A team player full of new ideas.

Experience

10/2023 - Present

Senior Software Engineer • Amagi Media Labs

- Designed and engineered a tool-agnostic deployment framework for configuration consistency across product releases, resulting in a 70% reduction in deployment errors. The product is now able to handle most of Amagi's deployments across versions and configurations with proper checks.
- Designed disaster recovery mechanism for our Universal Access and Identity Management system with regional fault tolerance and set SLAs and SLOs.
- Optimised platform reliability and security on multi-million dollar AWS and GCP cloud accounts, achieving 99.99% uptime and reducing security incidents by 50%.

11/2022 - 10/2023

Software Engineer • Amagi Media Labs

- Collaborated on key architectural decisions and managed a team to implement an access management, resulting in a 40% reduction of unauthorised access incidents.
- Spearheaded API-centric authentication overhaul, boosting Identity Management efficiency by 75%. Designed mechanism and framework to handle all auth and authorisation requests at the gateway level that also resolved complex routing problems for our products.
- The above project used a variety of technologies and integrations. Apart from developing backend APIs in GO many open-source tools like OPA, OpenFGA, Istio Service Mesh and Cloud technologies like Apigee were integrated to build the entire framework.

05/2021 - 11/2022

Software Engineer • CommerceIQ

- Redesigned the client setup, cutting time by 75% with parallel SQL dumps, reducing time to setup a client's database from 6 hours to 30 mins.
- Implemented AWS-based machine learning pipeline, halving data processing time by 50%. The pipeline was able to handle dynamic inputs with proper error handling and notifications.
- Automated SOC2 audits, slashing AWS costs by 40%, saving \$100,000 annually while ensuring compliance.