

ASTHA GUPTA

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Software Engineer with 3+ years of experience developing, debugging, and deploying scalable backend and cloud-native systems. Strong in Golang, data structures, APIs, and distributed systems, with hands-on experience in containerized environments and production-grade deployments on AWS and Anthos. Known for writing clean, maintainable code, owning features end-to-end, and collaborating across teams. Actively looking for SDE-2 role with focus on backend engineering and system design.

EDUCATION

SRM Institute of Science and Technology - B. Tech. in Computer Science & Technology, 2023 - CGPA: 9.12

EXPERIENCE

Software Engineer at Opentext, Bengaluru

12/2024 - Present

- Led project-wide Helm optimization efforts, standardizing configuration patterns and deployment protocols to ensure consistency, reliability, and maintainability across all product services.
- Designed and delivered security patch releases, identifying vulnerable components, implementing fixes, and ensuring backward compatibility with minimal production impact.
- Worked closely with enterprise customers (Ericsson, Londell, Mapfre, BASF) to resolve high-priority escalations by debugging complex system issues and delivering timely, reliable fixes.
- Identified, analyzed, and fixed critical and legacy bugs in production systems, improving system stability, performance, and long-term maintainability.
- Owned business-critical features end-to-end, including design, development, testing, deployment validation, and smooth handover to downstream teams.

Associate Software Engineer at Opentext, Bengaluru

02/2023-12/2024

- Built and maintained containerized backend services using Docker and Kubernetes, ensuring reliable deployments and consistent behavior across environments.
- Supported multi-cloud deployments across AWS and GCP (Anthos), handling environment-specific configurations and deployment workflows.
- Took ownership of Helm chart development and maintenance, ensuring standardized, reusable, and reliable service configurations across the project.
- Implemented secure secrets management using Kubernetes External Secrets Operator (ESO), improving service security and reducing configuration-related failures.

Intern at Opentext, Bengaluru

01/2023-2/2023

- Assisted in manual and basic automation testing, validating backend functionality and identifying defects in early development stages.
- Gained strong product and system understanding by working closely with senior engineers and reviewing application workflows.
- Used Jenkins to run CI pipelines for builds and test executions, gaining exposure to continuous integration practices.

SKILLS

C++ | Go(Golang) | Microservices | Rest API | Relational Databases | SQL fundamental | Shell Scripting | Unit Testing | Cloud | AWS | Git | Docker | Kubernetes | Helm | Documentation | YAML | Jira | Agile | CI/CD | Logging | Error Handling | Backend & System Development | High-Level Design | Data Structures & Algorithms | HTML | CSS | OOP

PROJECTS

YELPCAMP - WEB DEVELOPMENT

Created a website where users can create and review campgrounds. In order to review or create a campground user must have an account. This project was created using Node.js, Express, MongoDB and Bootstrap. Passport.js was used to handle authentication.

[Project link on Git](#)

COMPETITIONS

- Flipkart Grid 3.0 - Software Development
- Code Chef: SnackDown 2021
- JP Morgan: Code for Good

AWARDS & ACKNOWLEDGEMENTS

- State Board Merit, 2017 - Rewarded laptop by state board council for securing merit in science stream.
- Member of National Cadet Corps (NCC) in college.