

Yash Bhatia

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SUMMARY

A product driven software engineer with 2+ years of experience in backend and enterprise development, adept at optimizing system performance and driving innovation.

EDUCATION

NORTHEASTERN UNIVERSITY

Master of Science in Information Systems (GPA: 3.72/4.00)

Boston, MA

May 2024

SKILLS

Languages: Python, Java, Go, C, ReactJS, JavaScript, Spring MVC, Linux Shell Scripting

Database: MySQL, SQL Server, MongoDB, PostgreSQL

Cloud & CI/CD: AWS (EC2, S3, DynamoDB), GCP, Terraform, Docker, Jenkins, Kubernetes, ArgoCD, Prometheus, Grafana

EXPERIENCE

NORTHEASTERN UNIVERSITY

Teaching Assistant - Cloud Computing

Boston, MA

Jan 2024 – May 2024

- Orchestrated lab workshops for 200+ students focused on Infrastructure as Code using **Terraform** and **GCP**.
- Facilitated hands-on sessions on **GitHub** Actions to implement CI/CD pipelines, streamlining deployment process.
- Conducted sessions on automating machine images using **HashiCorp** Packer for infrastructure provisioning.

ACCENTURE

Software Developer Associate

New York, NY

Jun 2016 – Sep 2016

- Migrated client applications to **AWS** cloud-hosted microservices using **Java EE** and **Spring Boot**, achieving a 32% increase in daily transactions within the first quarter.
- Optimized software architecture using **design patterns**, enhancing code optimization and sustainability by 20%.
- Crafted unit tests using **JUnit** and **Mockito**, achieving 90% code coverage, enhancing software reliability.
- Configured CI/CD pipelines using **Jenkins** and published artifacts to **JFrog** Artifactory, reducing downtime by 98%.
- Adopted agile methodologies using **Jira**, boosting team productivity by 15% through streamlined development cycles.

TRIVIA SOFTWARES

Python Developer Intern

New York, NY

Jun 2016 – Sep 2016

- Designed scalable RESTful APIs using **Django** and **MongoDB**, achieving a 30% improvement in data retrieval speed.
- Worked with front-end team to integrate **ReactJS**, enhancing responsive user interface and page load times by 15%.
- Leveraged **Splunk** for API log analysis, significantly reducing production errors by 80%.

PROJECTS

CloudKapsule | Go, Terraform, Docker, Jenkins, Helm, Linux | (Demo)

- Orchestrated high-availability distributed systems and microservices using **Kubernetes**, employing event-driven architecture, and enabling monolithic-microservice integration in hybrid cloud environment.

Netflix Clone – DevSecOps | Typescript, AWS, Docker, ArgoCD, Helm, Prometheus | (Demo)

- Optimized Kubernetes deployment of Netflix clone leveraging **GitOps**, configured **CI/CD** pipeline integrating security tools for code quality checks, and real-time performance monitoring system.

Assignment Manager | NodeJS, AWS (EC2, S3, DynamoDB, Lambda), Pulumi, GCP | (Demo)

- Engineered high-concurrency **REST APIs** and streamlined cloud infrastructure provisioning via **IaC** and **load balancing**, implemented serverless computing for email services, optimized cloud storage for user details.

Airline E-Commerce | Java, Spring Boot, Hibernate, MySQL, AngularJS, Thymeleaf | (Demo)

- Developed secure flight booking web app with user authentication, **RESTful API** for passenger check-in service, responsive front-end templates for optimal user experience.