

YASH BHATIA

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SUMMARY

A product driven software engineer with 2.5+ years of experience in backend development and system optimization. My expertise in distributed systems and advanced algorithms drives innovation and efficiency in enterprise solutions.

EDUCATION

Northeastern University , Boston, MA, USA Master of Science, Information Systems	May 2024 GPA 3.72/4.0
University of Mumbai , Mumbai, MH, India Bachelor of Engineering, Electronics and Telecommunications	June 2020 GPA 8.06/10

SKILLS

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

Database: MySQL, MongoDB, PostgreSQL, Oracle, PL/SQL, Hadoop

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

Other: REST API, Distributed Systems, Containerization & Orchestration, Testing, Documentation, Agile Development

WORK EXPERIENCE

Northeastern University	<i>Teaching Assistant – Cloud Computing</i>	Jan 2024 - May 2024
<ul style="list-style-type: none">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 Solutions Pvt Ltd	<i>Software Developer Associate</i>	Feb 2021 - Jul 2022
<ul style="list-style-type: none">Implemented paperless transaction features and migrated applications to AWS-hosted microservices using Java EE and Spring Boot, enhancing customer experience and a 32% increase in daily transactions within the first quarter.Optimized software architecture using design patterns, enhancing code optimization and sustainability by 20%.Resolved critical issues across five complex codebases, effectively managing frequent task switches to deliver automation and data-driven insights that saved over 3,600 hours annually.Leveraged expertise in Go, ReactJS and Typescript to enhance UI/UX and functionality of application by 36%.Crafted tests using JUnit and Mockito, achieving 90% code coverage, enhancing software reliability and security.Configured CI/CD pipelines using Jenkins and published artifacts to JBake Artifactory, reducing downtime by 98%.Adopted agile methodologies (Jira), boosting team productivity by 15% through streamlined development cycles.		
Trivia Softwares	<i>Python Developer Intern</i>	Jun 2020 - Jan 2021
<ul style="list-style-type: none">Designed scalable RESTful APIs using Django and Postgres, achieving a 30% improvement in data retrieval speed.Worked with front-end team to integrate ReactJS, enhancing responsive user interface and page load time by 15%.Leveraged Splunk for API log analysis, significantly reducing production errors by 80%.Collaborated with cross-functional teams for software requirements, ensuring alignment with business objectives.Maintained technical documentation for software applications, resulting in a 25% reduction in support requests.		

PROJECTS

KubePilot Go, Terraform, Docker, Jenkins, Helm, Linux, Kafka (Demo)
<ul style="list-style-type: none">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)
<ul style="list-style-type: none">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)
<ul style="list-style-type: none">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)
<ul style="list-style-type: none">Developed secure flight booking web app with user authentication, RESTful API for passenger check-in service, responsive front-end templates for optimal user experience.