YASH BHATIA

65 Burrell St, Boston, MA 02119 ☎ 857-313-4049 ✉ ybhatia500@gmail.com 🔗 linkedin.com/yashbhatia

Summary

Result-oriented and technically proficient Software Engineer graduate with 2+ years of experience in application development, cloud computing, and DevOps practices. I excel in leveraging technologies to build and deliver scalable and efficient solutions. My expertise spans across Java, JavaScript, Python and cloud platforms like AWS. Proven track record in spearheading projects, optimizing application performance, and implementing robust CI/CD pipelines. An effective listener that can communicate technical information in an easily understandable way and a proven ability to multi-task and prioritize in fast-paced, stressful environments.

Education

Northeastern University   **Sep 2022 – May 2024**
Master of Science in Information Systems   *GPA 3.72/4*

Technical Skills

Languages: Python, Java, C, JavaScript, Node JS, Express JS, React JS, HTML/CSS, Linux Shell Scripting
Cloud & IaC: AWS, GCP, Terraform, EC2, RDS, VPC, ELB, Lambda, CloudWatch, DNS, Route53, SES, SNS
Database: MySQL, MongoDB, Amazon DynamoDB, PostgreSQL
Tools: Git, Docker, Jenkins, Kubernetes, ArgoCD, Prometheus, Postman, JIRA

Experience

Northeastern University   **Jan 2024 – Apr 2024**
Teaching Assistant   *Boston, MA*
- Assisted 200 students in weekly assignments, conducted grading sessions, and facilitated lab sessions covering Git, GitHub Actions, **Terraform** for Infrastructure as Code (IaC), and GCP.

Accenture Solutions Pvt Ltd   **Feb 2021 – Jul 2022**
Software Developer Associate   *Mumbai, MH*
- Spearheaded **REST API** web service **Java** development using **Spring Boot**, enhancing backend scalability and achieving a 32% increase in application performance through strategic optimizations.
- Championed Test-Driven Development (**TDD**) by creating over **100** unit tests with **JUnit** and Spring Test, significantly reducing post-deployment bugs.
- Streamlined deployment by creating and managing **CI/CD** pipelines with **Jenkins**, integrating **GitHub**, and automating **AWS** deployments, cutting manual work by **54%**.
- Designed **Linux** shell scripts for automation processes, increasing efficiency by 63%.

Trivia Softwares   **Jun 2018 – Aug 2018**
Python Developer Intern   *Mumbai, MH*
- Developed RESTful web services using **Django** Framework that integrated with a **MongoDB** database, improving application scalability by **40%**.
- Collaborated with the front-end team to integrate **ReactJS**, reducing page load times by **15%**, and employed **Tailwind CSS** for a modern and responsive user interface.

Projects

Netflix - DevSecOps | *TypeScript, AWS, Kubernetes, ArgoCD, Helm*   **Jan 2024**
- Led application deployment on **AWS**, leveraging **Docker** to boost application portability across diverse environments.
- Implemented a **Jenkins** based CI/CD pipeline, including code quality checks with **SonarQube** and Trivy, cutting deployment times by 40%.
- Engineered a **Prometheus** and **Grafana** monitoring system, enabling real-time performance and health insights.
- Optimized **Kubernetes** deployments with **ArgoCD** and **Helm**, streamlining updates and continuous delivery.

Learning Management System | *NodeJS, Sequelize, MySQL, AWS, GCP, Pulumi, Packer, Git*   **Dec 2023**
- Accelerated CSV parsing with a **CSV-parser**, achieving high throughput, and strengthened security using **brcypt**.
- Synchronized data models with **Sequelize**, engineering REST API endpoints that handles 1000+ concurrent requests.
- Orchestrated GitHub Actions **CI/CD** pipeline with Packer based custom **AMI** creation and application deployment.
- Reduced EC2 provisioning time by **50%** with **Pulumi** IaC by utilizing Load Balancers for enhanced **AWS** automation.
- Implemented Serverless computing with **Lambda** functions to seamlessly track details in **DynamoDB**, and optimizing data storage by efficiently storing information in Google **Buckets**.

Airline E-commerce | *Java Spring Boot, MySql, AngularJS, Thymeleaf*   **Aug 2023**
- Developed a web application using **Spring Boot**, Spring data JPA and MySQL where users can login and book a flight.
- Created an Integration layer RESTful API for flight check-in microservice to check in passengers with reservations.
- Designed front end templates using **Thymeleaf** and styled them using **Bootstrap** and CSS.