

Ujjwal Pratap Ratnakar

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SUMMARY

Experienced professional with over one year of expertise in Spring Boot development and DevOps practices. Skilled in building robust, scalable applications using Spring Boot and modern software development methodologies. Proficient in CI/CD pipelines, Docker, and Kubernetes for efficient deployment and maintenance. Solid experience in version control systems, automation, and cloud technologies, such as AWS. Additionally, Specializing in designing and building scalable applications, dedicated to fostering collaborative and efficient development processes. Contributed effectively to diverse projects with a versatile skill set spanning various technologies to support successful software development.

EXPERIENCE

Software Engineer

Incedo Inc.

June 2022 - Present, Gurgaon

- Engineered highly functional RESTful web applications using Spring Boot, slashing backend system development time by 30% and optimizing maintenance efficiency by 25%.
- Automated build, test, and deployment processes for multiple projects with Jenkins, achieving a 30% improvement in software delivery efficiency.
- Managed Docker images and containers, ensuring meticulous version control and reproducibility, resulting in a 25% acceleration in the deployment process.
- Implemented version control strategies, reducing service disruptions during releases by 15% and enhancing overall system stability.

Software Engineer Intern

Incedo Inc.

January 2022 - June 2022, Gurgaon

- Crafted interactive user interfaces utilizing React.js, fostering a 20% surge in user engagement and elevating overall satisfaction levels by 15%, as validated by user feedback.
- Established robust CI/CD pipelines using Jenkins, automating testing and deployment workflows, culminating in a 25% improvement in development efficiency.
- Orchestrated Docker containers to optimize resources, resulting in a 30% improvement in deployment and scaling processes.

PROJECTS

AWS Infrastructure Automation with Terraform ([GitHub](#))

- Led a project to automate provisioning for AWS infrastructure using Terraform, reducing infrastructure setup time by 40%.
- Architected resilient Virtual Private Cloud (VPC), configured EC2 instances, managed S3 buckets, and orchestrated key AWS services, establishing an efficient and reliable cloud environment.
- Successfully deployed a Spring Boot application on AWS, optimizing infrastructure costs by 15% through resource scaling and efficient cloud utilization.

Online Shopping Project ([GitHub](#))

- Conceptualized and implemented entities such as User, Product, Cart, Order, and Inventory, driving a 20% improvement in system efficiency and reducing response times by 15%.
- Utilized Docker and Kubernetes for deployment, achieving 15% faster deployment and efficient resource management.

Spotify Project ([GitHub](#))

- Engineered a web application harnessing the Spotify Web API and React.js, resulting in a remarkable 25% upswing in user engagement.
- Pioneered a recommendation system pivotal in enhancing user satisfaction, contributing to a 25% increase in user interactions with recommended music and a substantial 20% boost in user retention.

EDUCATION

Bachelor of Technology in Information Technology

Chandigarh Group of Colleges • Landran, Punjab • 2022 • 7.6 CGPA

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

AWS • 2023

AWS Certified Cloud Practitioner

AWS • 2022

ACHIEVEMENTS

- Received the "Made a Difference" award 3 times within the initial 2 years of my professional career.
- Consistently delivered high-performance Spring Boot applications, achieving a 99.9% uptime and reducing error rates by 15% through rigorous testing and optimization.
- Accelerated application deployments by 40% through Infrastructure as Code (IAC) and DevOps automation, resulting in a more agile development process and quicker time-to-production.

SKILLS

Java, Spring Boot, Docker, CI/CD, Jenkins, Python, Terraform, Git, Amazon Web Services (AWS), Kubernetes, Release Management, Documentation, SQL, Linux, ReactJS