

Pranshu Ghildiyal

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SUMMARY

A highly motivated and detail-oriented professional with a strong background in computer science and a passion for Cloud Technologies & DevOps. Proficient in AWS Suite with experience in Virtualization, Automation, Continuous Integration and Delivery, Infrastructure as Code and relevant tools such as Jenkins, Docker, Kubernetes, Terraform etc. Strong problem-solving skills and a willingness to continuously learn and adapt to new technologies. Seeking to start a career in DevOps and contribute to the growth and success of a dynamic DevOps team.

EDUCATION

GRAPHIC ERA UNIVERSITY

B.TECH (CSE), CGPA: 8.32

Dehradun, Uttarakhand/ India.

June 2020.

Relevant Courses: Programming in C, Unix & Shell Programming, Virtualizations & Cloud Computing, Operating Systems, Database Management Systems, Software Engineering, Computer Networks, Cryptography & Network Security.

EXPERIENCE

PERSONAL PROJECTS

- **AWS Lift & Shift:**

- Successfully migrated a Java web application to the AWS cloud using a variety of AWS services, including EC2, ELB, Auto-Scaling Group, Route 53, CloudFront, Elastic Beanstalk, CloudWatch, RDS, ElastiCache, and AmazonMQ, showcasing strong knowledge of cloud infrastructure and best practices.
- Re-architected the application using Elastic Beanstalk and CloudFormation, demonstrating knowledge of PaaS, SaaS and IaC along with Implementing security best practices by using Security Groups and Key-Pairs, showing understanding of cloud security.
- Improved performance and scalability by using ElastiCache and AmazonMQ, demonstrated knowledge of messaging queues and caching and showcased ability to work with multiple technology stacks including AWS, Java, Nginx, Apache Tomcat, RabbitMQ, Memcached, MySQL, and Linux.

- **CI/CD with Jenkins:**

- Successfully implemented a continuous integration and delivery pipeline using Jenkins, SonarQube, Docker, Nexus, ECS, Fargate, and ECR, showcasing strong knowledge of pipeline management and best practices.
- Used Jenkins to automate the build, test and deployment of software, while also maintaining Jenkins master-slave architecture to improve build efficiency and scalability, demonstrating experience with load balancing and distributed systems and incorporated SonarQube to ensure code quality and security, demonstrating understanding of code analysis, and how to detect and prevent software bugs and vulnerabilities.
- Utilized Docker, Nexus, and ECR to containerize the application and improve its portability and scalability, showcasing knowledge of containerization and microservices.

- **CI/CD with AWS Suite:**

- Demonstrated experience with building a complete CI/CD pipeline using AWS services such as Code Commit, Code Build, Code Deploy, Beanstalk, RDS, and pipeline, showcasing knowledge of AWS services and their integration to build a pipeline.
- Utilized AWS Code Build and Code Deploy to automate the build and deployment process, showcasing experience with continuous integration and delivery.
- Improved the performance and scalability of the application by integrating Beanstalk, RDS, and pipeline, showcasing knowledge of PaaS, IaaS and best practices, also implemented version control and build processes using Code Commit and Code Build, and streamlined the deployment process by automating it with Code Deploy and Beanstalk, showcasing knowledge of deployment automation and best practices.

ADDITIONAL

TECHNICAL SKILLS: AWS Suite, Jenkins, Ansible, Terraform, Docker, Kubernetes, CI/CD, LINUX, BASH Scripting, C/C++, Python, Git, MySQL, Vagrant, Computer Networks, VMware/VirtualBox.

LANGUAGES: English (Full Professional Proficiency), Hindi (Native).

INTERESTS: Music, Trekking/Camping, Chess.