

# Ansh Bhatia

## DevOps Engineer

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**With a Master of Computer Applications from Maharishi Markandeshwar University, my expertise in system automation has been a driving force at MoreTasks, where I've applied my skills for over three years. Our team has enhanced operational efficiencies and pioneered innovative solutions in the DevOps arena. Balancing technical acumen with collaborative efforts, we've successfully optimized our development pipelines, ensuring seamless deployment processes that support our company's dynamic needs. My academic background underpins a solid understanding of computer applications, complementing my practical experience in a fast-paced tech environment.**

## Professional Experience

### DevOps Engineer

*Moretasks Business Solution, Gurgaon, Haryana*

*March 2021 - Present*

Hands-on, successful deploying web applications with decades of verifiable success leading teams in delivering appropriate technology solutions. Comprehensive knowledge of platform development, enterprise architecture, agile methodologies, cloud services, and web-based applications. Innovative change agent with a unique mix of high-level technology direction and deep technical expertise.

## Education

BCA in Computer Applications April 2016 - May 2019

Maharishi Maharishi Markandeshwar (Deemed to be University) at Ambala

- Completed a Bachelor's degree in Computer Applications with a focus on software development and programming languages. Completed coursework in Java, C++, and Python, gaining proficiency in developing custom applications for various platforms. Participated in hands-on projects to design, code, test, and implement software solutions, honing problem-solving and analytical skills.

MCA in Computer Applications April 2019 - May 2021

Maharishi Maharishi Markandeshwar (Deemed to be University) at Ambala

- Completed a Master's degree in Computer Applications specializing in Computer Applications. Conducted in-depth research projects on cutting-edge technologies such as AWS, Nginx, and Networks. Utilized advanced algorithms and statistical models to solve complex problems.

## Key Skills

- AWS
- Nginx
- Linux
- GIT
- Cloud Computing
- Docker
- EC2
- Load Balancers
- Auto Scaling

## Accomplishments

**Employee of the Month**

February 2023

**Moretasks Business Solutions**

Highly motivated and results-oriented professional with a proven track record of excellence, as demonstrated by being awarded Employee of the Month in February 2023. Possesses strong problem-solving abilities, exceptional customer service skills, and a commitment to continuous

improvement. Known for effectively collaborating with team members to achieve organizational goals, and recognized for consistently exceeding performance targets. Adept at managing multiple tasks in fast-paced environments while maintaining a high level of accuracy and efficiency. Seeking to leverage expertise and dedication to contribute to the success of a dynamic organization.

## Projects

### Infrastructure of E-commerce Websites on AWS with Auto Scaling

- **Objective:** Designed and implemented a scalable and resilient infrastructure for an e-commerce website using Amazon Web Services (AWS) to ensure high availability and performance during peak traffic periods.
- **Key Responsibilities:**
  - **Architectural Design:** Developed a comprehensive infrastructure plan leveraging AWS services such as EC2, S3, RDS, and Route 53 to support the e-commerce platform.
  - **Auto Scaling Configuration:** Configured AWS Auto Scaling groups to automatically adjust the number of EC2 instances based on traffic load, ensuring optimal performance and cost efficiency.
  - **Load Balancing:** Implemented Elastic Load Balancing (ELB) to distribute incoming traffic across multiple EC2 instances, enhancing fault tolerance and reliability.
  - **Database Management:** Utilized Amazon RDS for scalable and secure database management, ensuring data integrity and availability.
  - **Security Measures:** Applied AWS Identity and Access Management (IAM) roles and security groups to control access to resources and safeguard the infrastructure.
  - **Monitoring and Logging:** Set up AWS CloudWatch for monitoring system performance and logging, enabling proactive identification and resolution of potential issues.
  - **Session Management:** Configured Amazon ElastiCache with Redis to store session data, improving the performance and scalability of user sessions.
  - **File Storage:** Implemented Amazon EFS for storing and accessing CSS and JavaScript files, providing a scalable and shared file system accessible by multiple EC2 instances.
  - **Media Storage:** Used Amazon S3 to store and manage media files, ensuring durability, scalability, and cost-effectiveness for large amounts of data.
  - **Content Delivery:** Leveraged Amazon CloudFront to serve static and dynamic content, reducing latency and improving load times for users globally.
- **Outcome:** Achieved a highly available and scalable e-commerce platform capable of handling increased user demand seamlessly, resulting in improved user experience and reduced downtime during peak traffic periods.