

# RAVI KISHAN SRIVASTAV

## ASPIRING DEVOPS ENGINEER

### CONTACT

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<https://github.com/Ravikishans>

### KEY SKILLS

Git, [GitHub](#), Docker, [DockerHub](#), AWS, Bash Scripting, Python, Linux, Jenkins, Kubernetes, MS Word, MS Excel, MS Power Point, Photoshop,

### EDUCATION

#### MECHANICAL ENGINEER

SEPT 2018

Maharishi Dayanand University,  
Rohtak, Haryana  
69.33%

#### INTERMEDIATE

MAY 2013

H.R.I.C., U.P.Board, Khalilabad,  
Sant Kabir Nagar  
80.0%

### KEY

### ACHIEVEMENTS

GATE and AFCAT qualified in 2020  
and 2021 both

### CERTIFICATION

#### - DevOps & Cloud Engineering (Pursuing)

By Hero Vired

- AutoCAD, Catia, Creo parametric,  
ANSYS, HyperMesh

### PROFILE

Aspiring DevOps Engineer with a solid foundation in Mechanical Engineering and extensive experience in maintenance and project coordination. Proficient in automation and optimization, with hands-on experience in various engineering tools. Eager to leverage my skills and transition into the IT sector, focusing on continuous integration, delivery, and cloud infrastructure.

### PROJECTS

#### □ **CI-CD Pipeline Automation Project**

<https://github.com/Ravikishans/cicdpipeline>

A step-by-step guide to setting up a CI-CD pipeline tool. The tool will automate the process of checking for new commits, deploying code to a NGINX server, and ensuring changes are reflected in production.

#### □ **A Travel Memory Application Deployment –**

<https://github.com/Ravikishans/TravelMemory>

The Travel Memory application has been developed using the MERN stack. I had to deploy this application on an Amazon EC2 instance. For gaining hands-on experience in deploying full-stack applications, working with cloud platforms, and ensuring scalable architecture.

#### □ **Monitoring, Scaling and Automation on an EC2**

**instance –** [https://github.com/Ravikishans/Assignment\\_boto3](https://github.com/Ravikishans/Assignment_boto3)

Develop a system that automatically manages the lifecycle of a web application hosted on EC2 instances, monitors its health, and reacts to changes in traffic by scaling resources. Furthermore, administrators receive notifications regarding the infrastructure's health and scaling events.

#### □ **Dockerizing a plain HTML page with NGINX –**

[https://github.com/Ravikishans/Dockerizing\\_html](https://github.com/Ravikishans/Dockerizing_html)

The objective of this project is to familiarize with Docker and containerization by Dockerizing a simple HTML page using Nginx as the web server.

### EXPERIENCE

#### TUNNEL BORING MACHINE ENGINEER • NOV2021-FEB2024

DOGUS-SOMA JV, MUMABI METRO LINE-3

#### CTC- 4.2LPA

- Coordinated with construction planning, material resources, and staff scheduling for TBM activities.  
- Maintained parts of the TBM, Slurry Treatment Plant, and handled the dismantling of the TBM.