

Roshan Srivastava

DevOps Engineer

Highly-motivated with desire to take on new challenges. Strong work ethic, adaptability and exceptional interpersonal skills. Adept at working effectively unsupervised and quickly mastering new skills.

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🐙 github.com/CriticAugen

WORK EXPERIENCE

Systems Engineer

Tata Consultancy Services

10/2022 - Present

Gandhinagar, Gujarat, India

Achievements/Tasks

- Automated application build and deployment, driving efficiency of code development process.
- Managed PostgreSQL database for dev and test environments.
- Analysed test results to detect issues and track root causes.

Assistant Systems Engineer

Tata Consultancy Services

10/2020 - 09/2022

Gandhinagar, Gujarat, India

Tasks:

- Removed 1200+ of vulnerabilities and potential exploits.
- Experience in Manual Testing, reported multiple bugs.
- Designed, developed and improved 10+ test plans, 25+ performance testing scripts via JMeter, 25+ test automation workflows, with HTML reports for complete continuous integration via Selenium.

Final Year Internship

Institute of Technology, Nirma University

01/2020 - 04/2020

Ahmedabad, Gujarat, India

College final year Internship

Tasks:

- Created an Artificial Neural Network model with the help of GPS and MERRA 2 data for finding disturbance in accuracy of NavIC around the clock with 93.1% validation accuracy.

CERTIFICATES

Python Certification [↗](#)

Java Certification [↗](#)

C++ Certification [↗](#)

Scientific Computing with Python [↗](#)

Agile Essentials: Practical Guide to the Agile Process [↗](#)

API Fundamentals [↗](#)

SKILLS

CI/CD: Jenkins, SVN, Maven, Prometheus, Grafana

PostgreSQL

Selenium, TestNG

Postman, JMeter

JIRA

Black-Box Testing, SIT, UAT

MS Office

Java, Python, C++

Time Management, Leadership

Communication, Critical Thinking, Continuous Learning

PROJECTS

Predict EUR/USD Forex (06/2021 - 08/2021) [↗](#)

- LSTM model trained with data of EUR/USD of past 20 years and 1 minute intervals.
- Validation accuracy reached nearly 99%.

Inventory Management (05/2021 - 06/2021) [↗](#)

- An interactive application for inventory management developed using PyQt5 and Sqlite3.
- User can add/modify/delete data. Light/dark theme is available.

Twitter Sentiment Analysis (02/2021 - 03/2021) [↗](#)

- Prediction of sentiment of tweets as positive or negative using TF-IDF model of Natural Language Processing.
- Validation accuracy reached nearly 85%.

Simple Text Summarization (01/2021 - 02/2021) [↗](#)

- A Natural Language Processing project to summarize Wikipedia page using sentence score method.
- User can select number of line of summary and maximum length of words in a sentence.

EDUCATION

Bachelor of Technology

Institute of Technology, Nirma University

09/2016 - 05/2020

Ahmedabad, Gujarat, India

Courses

Civil Engineering

CGPA : 7.63/10