

# Vanshika Madaan

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## EDUCATION

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES** | BACHELOR'S DEGREE IN COMPUTER SCIENCE WITH SPECIALISATION IN DEVOPS

July 2018 – May 2022

- CGPA: 7.5

## COMPUTER SKILLS

**LANGUAGES** | C++, JAVA, HTML, CSS, JAVASCRIPT

**OPERATING SYSTEM** | WINDOWS

**DATABASE** | MYSQL, PHPMYADMIN

**APPLICATION'S WEB** | MS WORD, EXCEL, POWER POINT, OUTLOOK

**DevOps Skill** | GITHUB, JENKINS, DOCKER, SELENIUM TESTING

## ACADEMIC PROJECTS

**AN ENERGY EFFICIENT BACKOFF ALGORITHM IN C++** December 2020

Designed a back off algorithm which will consume less energy and reduce the wastage in re-transmission. It works on the various limitations and challenges like high collision rate problem and unfair channel access.

**CNMS PIPELINE USING MICROSOFT AZURE** April 2020

Created a DevOps pipeline using tools like Github and Github Actions, terraform and Azure. It was a full automated pipeline taking your code from the developer's desk to the production. Microsoft Azure was used for its vm instance and the storage to deploy the application.

**WHO WANTS TO BE A MILLIONAIRE** April 2019

Desktop game "Who wants to be a millionaire" in Python 3 based on popular TV show using PyCharm.

**REMOTE DESKTOP APP** July 2019

Remote Desktop App in Java. It allows a personal computer's desktop environment to be run remotely on one system, while being displayed on a separate client device. It is based on the popular software TeamViewer.

## EXPERIENCES

**DEVELOPER EVANGELIST**, statusneo.com | April 2020, ongoing

**ONLINE TUTOR**, edurific.com | September 2020 – March 2021

## SKILLS

**Good communication and interpersonal skills**

**Committed team player and flexible approach to work**

**Enthusiastic**

