# Vaibhav Vikas

vbhvvikas@gmail.com | +91 9015330771 | GitHub: vaibhavvikas | LinkedIn: vaibhavvikas

## EDUCATION:

**NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI**
MASTER OF COMPUTER APPLICATIONS
August 2018 - June 2021
CGPA: 9.14/10.00

**PGDAV COLLEGE (EVE.)**
UNIVERSITY OF DELHI
B.SC. (HONS.) MATHEMATICS
July 2014 - June 2017
Percentage: 68.73%

## AREA OF INTEREST:

- Machine Learning
- Full Stack Development
- Data Structures and Algorithms

## TECHNICAL SKILLS:

Programming Languages:
- Python • C/C++ • Java

Frameworks:
- Flask • Angular • Airflow • Spring

Familiar:
- Git • GitHub • GitLab • Jira

## CERTIFICATIONS:

- Python for Everybody (Coursera)
- Algorithmic Toolbox (Coursera)

## PUBLICATIONS:

- Chanchal Rana, ..., Vaibhav Vikas, *et al.* Global epidemiology of CTX-M-type β-lactam resistance in human and animal, Comparative Immunology, Microbiology, and Infectious Diseases. Volume 86, July 2022, 101815. https://doi.org/10.1016/j.cimid.2022.101815

## EXPERIENCE:

**BNY MELLON TECHNOLOGY PVT. LTD.**
Associate Software Developer | July 2021 – Present | Pune, Maharashtra
- Worked on CCAR to automate various models to trigger them via Jupyterhub or Apache Airflow.
- Worked on Data Extractor to create templates and further extract the data from the database using Python, Flask, and Angular.
- Involved in company's private tools for CI/CD, application monitoring, error logging, and server deployment.

**BNY MELLON TECHNOLOGY PVT. LTD.**
Software Developer Intern | Jan 2021 – June 2021 | Pune, Maharashtra
- Worked on Cognitive Agent to automate various employee related tasks. UI is built using Angular with Java Spring Boot Microservices to process the requests. RASA framework is used for the implementation of backend.
- Worked in different deployment environments (Dev, UAT, Prod).

## PROJECTS:

**DISTRIBUTED CLOUD | KLA+ Hackathon'20 | GitHub-Link**
Python and Flask | February 2020 | NIT Tiruchirappalli
- A distributed cloud storage like google drive, where user can store and retrieve any files. All files are chunked based on the json provided and stored in servers with load balancing.
- End to End Encryption on chunks to provide extra security.

**MYSTERY MAZE | Live Event, Version'19 | GitHub-Link**
Unity and Android | August 2019 | NIT Tiruchirappalli
- An augmented reality treasure hunt game which gives a clue to the person on scanning specific image targets.
- The application has 3D Maps using Mapbox and AR using Vuforia engine.

**FOOD WEB VISUALIZATION | GitHub-Link**
Python | October 2019 | NIT Tiruchirappalli
- A GUI based application to check the species in an ecosystem such as a forest or a river. It shows all the species along with their predators and prey in visual format as graph.
- Tkinter is used for the implementation of GUI.

## ACHIEVEMENTS:

- Secured AIR 1 in BIT MCA, AIR 3 in NIMCET, AIR 4 in Pune University, and AIR 10 in BHU All India MCA Entrance Exam in 2018.
- Winner, KLA+ Cloud Storage Challenge'20 at NIT Tiruchirappalli.
- Winner, Datathon in Login'19 at PSG College, Coimbatore, Tamil Nadu.
- Secured 2nd Position in Al-Go-Code in Login'19 at PSG College, Coimbatore, Tamil Nadu.
- Secured 2nd Position in Graffiti Designing, and 2nd Position in Wall Painting in NITTFEST'19 at NIT Tiruchirappalli.