

# Vaibhav Vikas

[vbhvvikas@gmail.com](mailto:vbhvvikas@gmail.com) | +91 9015330771 | GitHub: [vaibhavvikas](#) | LinkedIn: [vaibhavvikas](#)

## EDUCATION:

**NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI**  
MASTER OF COMPUTER APPLICATIONS  
Grad June 2021 | Tiruchirappalli, India  
CGPA: 9.18/10.00

**PGDAV COLLEGE (EVE.)**  
UNIVERSITY OF DELHI  
B.SC. (HONS.) MATHEMATICS  
Grad May 2017 | New Delhi, India  
Percentage: 68.73%

## AREA OF INTEREST:

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

## TECHNICAL SKILLS:

Programming Languages:

- Python • C/C++ • Java • JavaScript

Frameworks:

- Angular • Spring • Maven • Karma
- Jasmine • JUnit

Familiar:

- Git • GitHub • GitLab • Illustrator

Certifications:

- Python for Everybody ([Coursera](#))
- Algorithmic Toolbox ([Coursera](#))

## PUBLICATIONS:

Preprint:

Chanchal Rana, ..., Vaibhav Vikas, *et al.*  
Global epidemiology of CTX-M-type  $\beta$ -lactam resistance in human and animal, Comparative Immunology, Microbiology, and Infectious Diseases.  
<https://doi.org/10.1016/j.cimid.2022.101815>

## EXPERIENCE:

### BNY MELLON TECHNOLOGY PVT. LTD. | Corporate Technology

Software Developer Engineer | 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 DB using Python and Angular.
- Involved in company's private tools for CI/CD, application monitoring, error logging, and server deployment.

### BNY MELLON TECHNOLOGY PVT. LTD. | Corporate Technology

Software Developer Intern | Jan 2021 – June 2021 | Pune, Maharashtra

- Worked on A Cognitive Agent to automate various employee related tasks. Angular UI for the conversation chat box. Java Spring Boot Microservice to process the requests.
- 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 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 AI-Go-Code in Login'19 at PSG College, Coimbatore, Tamil Nadu.
- Secured 2nd Position in Graffiti Designing, NITTFEST'19.