

Vaibhav Vikas

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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

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 β -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).

EVENT EXECUTION COMMITTEE | Android App Developer

February 2019 – June 2021 | NIT Tiruchirappalli

- Organized [Version'19](#) (All India MCA Meet).
- Deploying [Choppy Copter](#) in the official app of [Version'19](#).
- Organized [Mystery Maze](#) (AR based Treasure Hunt) in [Version'19](#).

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 is also implemented on chunks to provide extra security.

FOOD WEB VISUALIZATION IN ECOSYSTEM | [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.
- In case of Disasters such as forest fires, we can register deaths of certain species which in tell which species are getting affected.

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.
- 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.