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

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 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 COMMITEE | 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 will be chunked based on the json provided and stored in servers with load balancing.
- End to End Encryption on chunks to provide extra security.

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.
- 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 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.