Vaibhav Vikas

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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:

- Backend Development
- Microservices
- Machine Learning
- Open-Source Technologies

TECHNICAL SKILLS:

Programming Languages:
• Python • Go • Java
Frameworks:
• Flask • Spring • Airflow • Angular
• Maven • Jasmine • JUnit
Familiar:
• Git • GitHub • GitLab • Docker

INTERNSHIPS:

- BNY Mellon (Jan 2021 – Jun 2021)
- BNY Mellon (May 2020 – Jul 2020)

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

PROFESSIONAL EXPERIENCE:

OPEN FINANCIAL TECHNOLOGIES PVT. LTD.
Software Engineer | September 2022 – Present | Bengaluru, Karnataka
- Currently developing embedded finance solutions on Cards, KYC, and Lending Microservices using Go, Gin, and Gorm for Zwitch, a cutting-edge no-code fintech platform.
- Owned and developed the Cards Microservices, overseeing all APIs related to credit, debit and prepaid card creation, activation, blocking/unblocking, transactions, reversals, and settlements.

BNY MELLON TECHNOLOGY PVT. LTD.
Associate Software Developer | July 2021 – Sep 2022 | Pune, Maharashtra
- Worked on CCAR on various Python Risk Models like CMM (Commercial Mortgage Metrics) and, their workflow implementation via Apache Airflow.
- Worked on CCAR Dashboard to design the end-to-end flow of Model Execution from the web application using Angular.
- 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.

PROJECTS:

DISTRIBUTED CLOUD | KLA+ Hackathon'20 | GitHub-Link
Python and Flask | February 2020
- 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.

HOUSING PRICES PREDICTION | GitHub-Link
Python and Machine Learning | July 2022
- A machine learning project based on Kaggle Housing Price Prediction competition using XGBoost. Got a score of 14997.
- The project has all the steps including Preprocessing which fixes missing data and categorical data, and Pipeline which streamlines the process in a single step from fitting and predicting the data.

MYSTERY MAZE | Live Event, Version'19 | GitHub-Link
Unity and Android | August 2019
- 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.

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 and, Secured 2nd Position in AI-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.