

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 • Java • Go

Frameworks:

- Flask • Pandas • Airflow • Angular
- Spring • Maven • Jasmine • JUnit
- Gin • Gorm • Redis

Others:

- Git • GitHub • GitLab • Docker
- PostgreSQL • CI/CD

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.

PROFESSIONAL EXPERIENCE:

OPEN FINANCIAL TECHNOLOGIES PVT. LTD.

Software Engineer | September 2022 – Present | Bengaluru, Karnataka

- Worked on developing embedded finance solutions on Cards, KYC, and Lending Microservices using Go, Gin, PostgreSQL and Gorm for [Zwitch](#), a cutting-edge no-code fintech platform.
- Owned and developed 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 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.

INTERNSHIP EXPERIENCE:

BNY MELLON TECHNOLOGY PVT. LTD.

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

- Worked on CCAR Dashboard to design the end-to-end flow of Model Execution using Java, Angular, and Apache Airflow.
- Reduced Dashboard loading time from 20s to less than 1 second by implementing server-side pagination in both the APIs and Dashboard.

BNY MELLON TECHNOLOGY PVT. LTD.

Software Developer Intern | May 2020 – July 2020 | Pune, Maharashtra

- Worked on Cognitive Agent to automate various employee-related tasks with RASA framework using Python, Java and Angular.

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 and end to end encryption.

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.

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>