

VAIBHAV VIKAS

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Experience

Open Financial Technologies Pvt. Ltd.

September 2022 – April 2023

Software Engineer

Bengaluru, Karnataka

- Owned and developed Cards Microservices, overseeing all APIs related to credit, debit, and prepaid card creation, activation, blocking/unblocking, transactions, reversals, and settlements.
- Worked on developing embedded finance solutions on Cards, KYC, and Lending Microservices for [Zwitch](#).
- Enhanced and Improved performance by **22%** by optimizing and reducing various database calls in Lending Microservices.
- Technologies:** Go, Python, Gin, Gorm, PostgreSQL, Redis, Amazon S3, Microservices, New Relic.

BNY Mellon Technology Pvt. Ltd.

July 2021 – September 2022

Associate Software Developer

Pune, Maharashtra

- Worked on CCAR to develop various Credit Risk Models like CMM and, their workflow implementation.
- Improved model performance by **200%** by implementing their workflow by creating Airflow DAGs.
- Developed a data extractor tool to create various financial reports with customizable padding and column modification.
- Technologies:** Python, Django, Java, SpringBoot, Airflow, Microsoft SQL, Angular, Splunk, Docker.

Internship Experience

BNY Mellon Technology Pvt. Ltd.

January 2021 – June 2021

Software Developer Intern

Pune, Maharashtra

- Worked on CCAR Dashboard to design the end-to-end flow of Model Execution.
- Reduced Dashboard loading time from 20s to less than 1s by implementing server-side pagination.
- Technologies:** Python, Java, SpringBoot, Airflow, Microsoft SQL, Angular, Splunk, Docker.

BNY Mellon Technology Pvt. Ltd.

May 2020 – July 2020

Software Developer Intern

Pune, Maharashtra

- Designed and implemented a Cognitive Agent using RASA framework for automating employee-related tasks.
- Developed a ChatBot UI with support for ratings, images, and videos, using socket.io for communication.
- Technologies:** Python, Java, SpringBoot, Socket.io, RASA, Microsoft SQL, Angular, Docker.

Projects

Stay Sorted | Go, Gin, Gorm, PostgreSQL | [GitHub Link](#)

April 2023

- A web application that allows users to create and manage property listings, make reservations, and search for properties.
- Implemented features such as JWT Authentication, Middlewares, DB Migration, entities, models, and error handling.

Distributed Cloud | Python, Flask | [GitHub Link](#)

February 2020

- Developed 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.

Education

National Institute of Technology, Tiruchirappalli

July 2018 – June 2021

Master of Computer Applications, CGPA: 9.14

Tiruchirappalli, Tamil Nadu

Technical Skills

- Languages:** Python, Java, Go, SQL
- Frameworks/Libraries:** Django, Flask, FastAPI, SQLAlchemy, SpringBoot, Hibernate, JUnit, Gin, Gorm, Airflow, Angular
- Databases:** PostgreSQL, Redis, Microsoft SQL
- Technologies/Tools:** Amazon S3, Microservices, OOP, Git, Jira, VSCode, Postman, CI/CD, Docker

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.

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.](#)