

# Vaibhav Vikas

+91-9015330771   vbhvvikas@gmail.com   [LinkedIn](#)   [GitHub](#)

## Technical Skills

- **Languages:** Go, Python, SQL
- **Frameworks/Libraries:** GraphQL, XO, Gorm, Flask, FastAPI, SQLAlchemy, Gin, Airflow, Angular
- **Databases:** MySQL, PostgreSQL, Redis, Microsoft SQL
- **Technologies/Tools:** GCP, AWS (S3, Lambda), Kubernetes, Microservices, OOP, Git, Docker, Kafka, CI/CD

## Experience

### NTUC Enterprise

Jul 2023 – Present

Golang Backend Developer

Singapore

- Successfully implemented OCBC bank account linking feature for Giro setup, resulting in **4600+** users seamlessly adding their accounts so far.
- Developed critical cron jobs, including Missing Bank Account Reminder, TD Notification Reminder, HHI Report and Linkpoint Reward, enhancing system automation reducing over 100 hours of weekly manual work.
- Optimized diverse finance-related features, boosting functionality and performance metrics by **30%** through data-driven decision-making and process streamlining initiatives.
- **Technologies:** Go, Python, GraphQL, MySQL, Redis, Microservices, Google Cloud, AWS.

### Logfire.ai

Apr 2023 – Jul 2023

Software Engineer

Bengaluru, Karnataka

- Designed and developed an interactive Logfire-Cli (GitHub: [logfire-cli](#)), utilizing the Factory design pattern to enhance compatibility across various terminal types, that achieved **500+** downloads in the first month.
- Introduced microservices architecture reducing system latency by **50%** and integrated kafka consumer, SQL autocompletion and other enhancements to error logging and middlewares improving security.
- **Technologies:** Go, Python, MySQL, Redis, Microservices, Apache Kafka.

### Open Financial Technologies Pvt. Ltd.

Sep 2022 – Apr 2023

Software Engineer

Bengaluru, Karnataka

- Led the development of Cards Microservices, overseeing APIs for credit, debit, and prepaid cards creation, activation, blocking/unblocking, transactions, reversals, and settlements facilitating **18K+** successful transactions.
- Executed Cache mechanism and optimized database queries on KYC, and Lending Microservices to decrease page load times by **40%** enhancing user experience.
- **Technologies:** Go, Python, Gin, Gorm, PostgreSQL, Redis, Amazon S3, Microservices, New Relic.

### BNY Mellon Technology Pvt. Ltd.

Jul 2021 – Sep 2022

Associate Software Developer

Pune, Maharashtra

- Streamlined CCAR models workflow by creating Airflow DAGs, resulting in a **200%** boost in model execution time.
- Revamped Credit Risk Models (CMM and CECL) leveraging Pandas/NumPy; improved model performance by **24%**.
- Architected and deployed data extractor tool resulting in the automation of **7** distinct financial reports.
- **Technologies:** Python, Java, SpringBoot, Airflow, Microsoft SQL, Angular, Splunk, Docker.

## Internship Experience

### BNY Mellon Technology Pvt. Ltd.

Jan 2021 – Jun 2021

Software Developer Intern

Pune, Maharashtra

- Integrated the end-to-end flow of Credit Risk Models Execution in CCAR Dashboard.
- Reduced Dashboard loading time from 20s to less than 1s by implementing server-side pagination.
- Designed and implemented a Cognitive Agent using RASA framework for automating employee-related tasks.
- Created the 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.

## Education

### National Institute of Technology, Tiruchirappalli

Jul 2018 – Jun 2021

Master of Computer Applications, CGPA: 9.14/10

Tiruchirappalli, Tamil Nadu

## Achievements

- Secured AIR 1 in BIT MCA, AIR 3 in NIMCET, AIR 4 in Pune University, and AIR 10 in BHU MCA Entrance Exam, 2018.
- Winner, KLA+ Cloud Storage Challenge'20 at NIT Tiruchirappalli.
- Achieved 2nd place in Wall Painting and Graffiti Designing at Festember'19, the intra-college fest of NIT Tiruchirappalli.

## Publications

- Chanchal Rana, . . . , Vaibhav Vikas, et al. Global epidemiology of CTX-M-type Beta-lactam resistance in human and animal, Comparative Immunology, Microbiology, and Infectious Diseases. Volume 86, July 2022, 101815.