Yash Patil
Technology Associate at Deutsche Bank

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PROFESSIONAL EXPERIENCE

Technology Associate
Deutsche Bank

03/2023 - Present   *Pune, India*

- Building a *SaaS Platform* for corporates to manage their invoices (and corresponding payments) against their customers and end users by understanding the context of monetary transactions and settlements.
- Used *ReactJS* to enhance client-facing web application backed by a ReST backend hosted on *GCP* infrastructure.

Technology Analyst
Deutsche Bank

08/2020 - 02/2023   *Pune, India*

- As a full stack engineer, building a *Contextual Marketplace* for partners, where corporates can subscribe to banking products to fulfil their end customers' needs.
- Used *ReactJS* to build customer facing web application, served by ReST backend in *Go*, having microservices supported by *gRPC*.
- Developed and enhanced client-facing *Payment APIs* within Corporate Banking Technology.

Data Science Intern
Fractal

01/2020 - 06/2020   *Mumbai, India*

- Worked on *Invoice Digitisation* which involved designing of a system to extract data from invoices.
- Built an ML Model using *Deep Learning* and *NLP,* capable of grouping and extracting text data from invoices, which was reconciled against system MIS data, automated using *WorkFusion RPA*.

Big Data Intern
Xoriant

05/2018 - 06/2018   *Pune, India*

- Worked on *Generic Hive Sink* involving development of a custom API capable of pushing data from local storage to Hive.
- Technologies used were HDFS, Hive and JDBC.

EDUCATION

Bachleor of Engineering
Sardar Patel Institute of Technology, Mumbai

2016 - 2020   *CGPI : 8.99*

- Electronics
- Telecommunication

SKILLS

Java   Spring Boot | Webflux   Micronaut
Go   ReactJS   GCP   Image Processing | ML
gRPC   Docker   API Test Automation

NOTABLE PROJECT PUBLICATIONS

AI-Enabled Real-Time Sign Language Translator (12/2019)
- Presented in International Conference on Soft Computing: Theories and Applications.
- Paper published in AISC Series of **Springer**.

Intelligent Blood Management System (07/2019)
- Presented in IEEE Bombay Section Signature Conference 2019.
- Paper published on **IEEE** Xplore.

Vehicle Number Plate Detection using Convolutional Neural Networks (05/2019)
- Published in Asian Journal of Convergence in Technology (Impact Factor : 5.71).

Basic Logic Gate Detector using Atmega328P and Android App (02/2019)
- Presented in World Congress 2019.
- Published in Helix - the Scientific Explorer (Impact Factor : 3.46).

CERTIFICATIONS

GCP Associate Cloud Engineer (10/2021)

Deep Learning and NLP in TensorFlow - deeplearning.ai (05/2019)

Applied Algorithms and Data Structures in Java - Morgan Stanley (04/2017)

SOCIAL CONTRIBUTIONS

Participated in Run for the Oceans 2019, a marathon-based beach cleanup organised by Adidas. (June 2019)

Volunteered for Cleanup Activity at Versova Beach and Mithi Nadi with Afroz Shah, a UN Champion of Earth. (Feb 2018 - Feb 2019)