Yash Patil
Technology Analyst at Deutsche Bank

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PROFESSIONAL EXPERIENCE

Technology Analyst
Deutsche Bank

08/2020 - Present　　　　　　　　　　　　　　*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*, deployed on *GCP* using *Cloud Run* and *Cloud SQL*.
- 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

Higher Secondary (Maharashtra State Board)
Pace Junior Science College, Mumbai

2014 - 2016　　　　　　　　　　　　　　*85.08%*

- Science
- Computer Science

ICSE Board
Ryan International School, Mumbai

2014　　　　　　　　　　　　　　　　*91%*

- Mathematics
- Science
- Computer Applications

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)