

# Yash Patil

📞 +91 97699 69886 | ✉ yashpatil1998@gmail.com | 📍 Pune, India | 🌐 /in/yashpatil1998

## EDUCATION

### Sardar Patel Institute of Technology

Bachelor of Engineering in Electronics and Telecommunication; CGPI: 8.99

Mumbai, India

2016 - 2020

## SKILLS

**Languages:** Java, Go, TypeScript, Python, SQL

**Frameworks and Technologies:** Spring Boot, ReactJS, REST, gRPC, Server-Sent Events, Docker, Terraform

**Infrastructure and GCP:** Cloud SQL, Cloud Run, Cloud Functions, Pub/Sub, Load Balancing, IAM

## EXPERIENCE

### MSCI Inc.

Senior Technology Associate

Pune, India

Jan 2025 - Present

- Automating asset allocation rebalancing in financial models for **MSCI Wealth Manager**, deeply integrated with MSCI's **Quantitative Investment Solutions** for returns and tax calculations
- Utilizing **ReactJS** with **TypeScript** on the UI, **Go** for services and analytics, supported by a highly normalized **PostgreSQL** database managed by **Liquibase**, hosted on **Google Cloud Platform**

### Deutsche Bank

Technology Associate

Pune, India

Mar 2023 - Dec 2024

- Engineered **Synthix**, a global SaaS receivables platform **reducing payment processing effort by 40+ hours per week** and improving entitlement configuration time **from 5 minutes to 10 seconds** per user
- Built and enhanced client-facing **ReactJS** and MUI web application, integrating with **Go** and **Spring Boot** REST/gRPC backends and event-driven communication, deployed on **GCP** via **Terraform**
- Delivered a **VPA-Lookup API** which searches for UPI handles given a VPA handle prefix across 10 banks in India
- Developed a **Docker Compose** setup for full application and infrastructure replicas, **reducing test environment setup from 2 hours to 5 minutes** and accelerating development cycles.

### Deutsche Bank

Technology Analyst

Pune, India

Aug 2020 - Feb 2023

- Built a **Contextual Marketplace** for partners, where corporates can subscribe to banking products, using **ReactJS** for customer-facing web portal, served by REST backend in **Go**, having microservices supported by **gRPC**
- Developed and enhanced client-facing **Payment and Direct Debit APIs** within Corporate Banking Technology, covering payments across **India, SEPA, UK, Russia** and **Indonesia** using **Spring Boot** and **Spring WebFlux**

### Fractal

Data Science Intern

Mumbai, India

Jan 2020 - Jun 2020

- Designed and built an **Invoice Digitization** system using **Deep Learning** and **NLP** to extract and reconcile invoice data, automated with **WorkFusion RPA**, which reduced travel invoice processing time from over **20 man-hours to under one man-hour per week**

## CREDENTIALS

LeetCode /u/yashpatil1998

Google Cloud Platform Associate Cloud Engineer

**Deutsche Bank** Gold Problem Solver Award Winner, Hack2Protect Winner MAY2023, DEC2022, Global Blockchain Hackathon Winner, Global Hackathon National Finalist (2022) and Global Finalist (2024)

**The Asset Triple A Treasurise Awards 2024** Best Cash Management Solution Award 2024