

# GREGOR MIHELAC

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## Summary

Software Engineer & Finance Professional (ITFA Trade Finance Emerging Leader 2024) with dual experience in Tier 1 banking operations, both Trade & Payments (BNP Paribas, Santander) and full-stack development (Commerzbank, personal). Combining domain knowledge and passion of trade finance instruments with technical expertise, and a keen eye for building beautiful products.

## Academia

### **University of Mannheim** (Germany) – master's degree (M.Sc.): Finance & IT

09/2023 – 03/2025

Germany's #1 Business and Economics Uni by rankings from THE, QS, Shanghai, The Economist, Handelsblatt.

- Google Developer Groups on Campus Mannheim – Technology lead - [Certificate](#)
- Full-fledge DAAD Scholarship recipient

### **University of Ljubljana** (Slovenia) – bachelor's degree (B.Sc.): Economics

10/2019 – 06/2022

## Experience

### **BNP Paribas** (Frankfurt, Germany)

07/2025 – current

#### Cash Management & Liquidity solutions - Graduate *(Full time)*

- Transaction banking engaging clients with the most liquid of their assets. Cash operations, deposits, fees, Forex.
- Algorithm Design, leading the way to discover 20+ true cases of billables errors in 2 months of pilot runs.
- Designed, developed, and deployed an automated reporting framework – reducing time to information from a quarter to a month (Top 20 wins, losses, cat. distribution, cumulation) live for portfolio view & CMOs within the DACH region, scalable to EMEA
- Developed a breakdown of billables in EMEA region, bringing the Business Group and Legal Entity view

### **Commerzbank** (Frankfurt, Germany)

06/2024 – 06/2025

#### FraudAI – Software Engineer *(Intern during M.Sc. study)*

- AI APIs (OpenAI, Gemini) for fraud prevention purposes, fraud pattern recognition.
- Designed, developed, and transitioned a prototype fraud detection framework utilizing AI APIs, three-stage solution ranging from least to most pattern-recognizing, including a fraud score.
- Cluster Global Financial Crime Prevention Platform, Group Risk Management

#### Innovation & Development – Software Developer *(Intern during M.Sc. study)*

- Designed, developed, and deployed an event registration platform that connected over 50 risk departments
- Credit Risk Management

### **KPMG** (Mannheim, Germany)

11/2023 – 06/2024

#### IT Processes and Digital Compliance *(Intern during M.Sc. study)*

- Attestation, Assurance, Audit, Consulting services for IT infrastructure
- Wanted to understand better the auditor's experience for how software should have been set up

### **Santander Corporate & Investment Banking** (Frankfurt, Germany)

03/2023 – 09/2023

#### Trade Finance Distribution *(Traineeship, before start of M.Sc.)*

- Trade Finance – Global Transaction Banking
- Funded risk distribution in collaboration with partner international banks, unfunded risk distribution vis-a-vis negotiation and drafting of trade credit insurance policies with the insurance market, focus supply chain finance distribution
- Approximately 1.5 billion € of various kinds of trade finance facilities was worked on in some capacity (some more than others)

## IT Skills

- Experience building with IaaS providers: focus Cloudflare, experienced with Firebase + Google Cloud Platform, Azure, Vercel
- Website build & deployment, utilizing Ruby (Rails + Liquid) and React (Vite, NextJS); e.g. [TFCOP](#), [Xtilia AI](#), [Personal site](#)
- AI inference engine deployment (and API building) with Ollama, local LLM deployments & Linux Server admin.
- Programming experience: Go-lang, \$bash scripts, Visual Basic, JS: react.js, vite.js, express.js etc. Python, Rust, etc.
- Developed restful API endpoints with Go-lang, CDN with Cloudflare, Databases e.g. NoSQL, PostgreSQL
- Developed a private AI chat interface (Linux + OSS inference engine), with a custom API in Go-lang scaled globally
- Developed Blockchain contracts with Solidity on the Ethereum test net, knowledge of distributed ledgers

## Awards

- ITFA Emerging Leader of the year 2024 at Cyprus conf. [Project Link](#)

## Languages

- English (C2, native); Slovene (C2, native); German (C1, fluent); Serbian (C1, fluent); Chinese (HSK I, beginner &