

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-fledged 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&