

Nojus Morkūnas

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PROFESSIONAL SUMMARY

Final-year Business Information Technology student at the University of Twente, graduating July 2026. Based in Netherlands, Enschede. Hands-on experience in full-stack development, database engineering, and software delivery through internship work and independent projects. Available for software development, IT consulting, and business analysis roles.

EDUCATION

University of Twente

Bachelor of Science, Business Information Technology

Enschede, Netherlands

Aug 2022 — Expected July 2026

EXPERIENCE

Intern

Cape (Carthago ICT)

Feb 2026 — Apr 2026

Hengelo, Netherlands

- Researched time-series databases as a replacement for PostgreSQL at scale; on own initiative designed and built a benchmark suite comparing PostgreSQL, TimescaleDB, ClickHouse, QuestDB, InfluxDB2 and InfluxDB3.
- Benchmarked all six databases against 1.4 billion rows of real smart meter energy data, measuring storage footprint and aggregation query performance. Findings were presented to the engineering team along a recommendation for the migration

Courier

Thisbezorgd (Just Eat Takeaway.com)

October 2021 — Present

Enschede, Netherlands

PROJECTS

Solo, TwenteNotes.nl

- Built and launched twentenotes.nl, a platform for university students to upload and browse lecture notes by faculty, programme and module
- Built with a Go REST API with JWT auth and admin moderation pipeline, Next.js/TypeScript frontend, and Supabase for storage and auth

Solo (in progress), Platd.app

- Built a cross-platform recipe-matching app where multiple household members swipe on 300+ recipes simultaneously and are notified when they match;
- Built with a Go REST API with JWT auth, CSRF protection, and per-IP rate limiting; React/TypeScript frontend compiled to native iOS and Android via Capacitor

Team Project (Team of 4) | Java, JavaScript, PostgreSQL, Pipeline Survey Management WebApp

- Delivered role-based web platform for Rosen Group enabling field engineers to conduct pipeline inspections with 4 distinct permission levels (admin, manager, creator, engineer)
- Implemented responsive frontend interfaces using HTML/CSS/JavaScript and designed PostgreSQL schema supporting dynamic survey templates and access controls
- Integrated RESTful APIs for complete survey lifecycle management including creation, assignment, and submission workflows

Team Project (Team of 2) | Java, Networking, OOP, Exploding Kittens Multiplayer Game

- Built multiplayer card game in Java 11 supporting 2-6 concurrent players with AI opponents using client-server architecture and socket programming
- Engineered game logic and turn mechanics following OOP principles, enabling real-time gameplay over LAN with configurable launch modes

TECHNICAL SKILLS

- **Programming Languages:** Go, Java, TypeScript, SQL, Python, HTML/CSS
- **Tools & Platforms:** Git, PostgreSQL, Supabase, Docker, Next.js, React, Linux, REST APIs
- **Languages:** English (C1), Lithuanian (Native), Dutch (A1)