

# ETELE TORO

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## Full-Stack Engineer & Founder

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### CAREER SUMMARY:

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Full-stack engineer focused on backend and architecture, building production systems in Node.js, TypeScript, and GraphQL across fintech, domain infrastructure, and agritech. Designs and owns the full backend lifecycle, from microservices and API design through to containerized deployment on Kubernetes. Sole architect and engineer behind Harvest Mate, a customer-facing SaaS built solo from concept to production, including Python pipelines that process multispectral satellite imagery across 1,000+ hectares of farmland.

### TECHNICAL SKILLS:

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#### Languages

TypeScript, Python | Additional exposure: Go, Lua, PHP, Java, C, C++

#### Backend

Node.js, GraphQL (Apollo), Nest.js, FastAPI, REST API design, microservices architecture, design patterns, advanced programming concepts (reflection, API layer caching, query batching)

#### Frontend

React, Next.js, Tailwind, Experienced with modern TypeScript frontend development tooling

#### Infrastructure & DevOps

Docker, Kubernetes, GitHub Actions, CI/CD pipelines, Helm

#### Databases & Data

Relational database design, MySQL, PostgreSQL, NoSQL databases (MongoDB), Elasticsearch

### WORK EXPERIENCE:

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#### Prime Scale Solutions Founder & Full-Stack Engineer | January 2026 - Present

*Harvest Mate – Farm Management Platform (harvest-mate.com)*

- Architected and built a full-stack B2B SaaS platform for farm operations management, covering job scheduling, inventory tracking, and equipment maintenance
- Integrated Sentinel Hub's Earth observation API to process multispectral satellite imagery, enabling automated crop health analysis across 1,000+ hectares of active farmland.
- Built on a Node.js/GraphQL backend with Python-powered satellite analysis pipelines, deployed on Kubernetes with a Next.js frontend.

#### Fx-Garage Full-Stack Engineer | February 2022 - July 2026

- Designed and owned scalable backend architectures in Node.js/TypeScript across fintech and domain infrastructure products, building both microservices and modular monolith systems
- Built GraphQL and REST APIs end-to-end: schema design, service layers, and data access patterns, alongside Next.js frontends, operating on multiple features across the full stack.
- Developed domain registry integrations in Python, working with multiple TLD registry APIs.
- Reduced deployment errors and release cycle time by building comprehensive CI/CD pipelines with automated testing (Jest, Cypress) and container orchestration via GitHub Actions, Docker, Kubernetes, and Helm.

#### Cruxy & Company (via Fx-Garage): Software Engineer | June 2023 - September 2025

- Built automated data collection pipelines, web crawlers, and ingestion tooling to acquire and process financial data from external systems, Salesforce, and HubSpot at scale.
- Designed and managed large financial datasets in Snowflake, performing advanced SQL data modeling and delivering interactive business intelligence dashboards via Tableau and Power BI.

#### Digital Studio: Software Developer Intern | 2021

### EDUCATION:

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#### Babeş-Bolyai University, Cluj-Napoca

Bachelor of Computer Science - Software Engineering | 2020 - 2023