Tudor Matei

+40 754 225 563 • tudormatei.ro • tudormatei010@gmail.com • github.com/tudormatei

Skills

Technologies: Java (Spring Boot, Tomcat, JUnit), Python (Tensorflow, Django, Flask), C#, C++, SQL, ASM, React, React Native, JavaScript, TypeScript, HTML, CSS, Git, Linux, Docker, Redux, gRPC, Unity, RESTful
Soft Skills: Team collaboration, clear written communication, agile development, product thinking
Fluent Languages: English & Romanian

Experience

F1r3fly.io   Remote
Software Engineer Intern   Oct 2024 – Feb 2025
- Developed a decentralized tokenization module enabling secure wallet transactions across services.
- Integrated FUSE API to mount virtual drives and expose encrypted network resources as local filesystems.

Virtomat   Bucharest, Romania
Full-Stack Engineer Intern   Dec 2022 – Mar 2023
- Migrated the full-stack Virtomat cloud-native platform from PHP into a modern React front-end architecture, improving performance and user experience.
- Designed and implemented a scalable Strapi and NodeJS backend, enabling seamless integration with RESTful services.

Projects

Men in Black   Spring, Java, React, PostgreSQL
Designed and built a full-stack finance management platform for @meninblack.ro, improving administrative workflows and data accessibility for staff.

Mayor's Chatbot   Python
Built a Python-based email automation system for the Mayor of Bucharest's chatbot, reducing manual workload and serving 10,000+ users.

Synthetic Fingerprint GAN   Tensorflow, Python, gRPC
Engineered a synthetic fingerprint generator utilizing generative adversarial networks (GANs) in TensorFlow.

Education

University of Twente   Enschede, Netherlands
B.S, Computer Science, GPA 4.0   2023 - 2026
Relevant Coursework: Algorithms & Data Structures, Computer Architecture, Operating Systems, Network Systems, Databases, Machine Learning, Object-Oriented Programming

Honours Degree, Entrepreneurship & Business Development
Relevant Coursework: Setting-Up Businesses, Effectual Approaches, Market Research, Investor Pitching and Presentations

Online Certifications   May 2020 - Jun 2025
Meta: Back-End Developer, Front-End Developer (Professional Certificates)
Nvidia: AI Infrastructure and Operations
Google: Cybersecurity Professional Certificate
Amazon: DevOps and AI on AWS Professional Certificate
DeepLearning.AI: Tensorflow Specialization