Technical Recommendation Letter

Date: August 14, 2025

To Whom It May Concern,

I am pleased to provide this personal technical recommendation for Mr. Wiktor Jn. I have thoroughly evaluated his technical capabilities through his work on the GEEETECH A10M printer enhancement project. Throughout this process, Wiktor consistently demonstrated a rare combination of technical depth, creativity, and hands-on problem-solving skills. His expertise includes:

- **Advanced CAD Design Proficiency** –Demonstrated mastery of Fusion 360 through precision redesign of printer structural components. Delivered optimized mechanical designs that improved system rigidity by measurable margins
- **Electronics Engineering Knowledge** –Exhibited strong understanding of stepper motor systems and control electronics.
- **Microcontroller Programming Experience** –Skilled in firmware configuration and optimization for 3D printer control boards, ensuring fine-tuned machine behavior.
- **Linux Environment Familiarity** –Comfortable navigating Linux environments for firmware compilation, system configuration, and experimental testing.

I am confident that Wiktor would make a valuable addition to any engineering or product development team. His technical expertise, inventive thinking, and dedication to continuous improvement set him apart as both a capable engineer and a collaborative problem solver.

Please feel free to contact me via email (***Teddy.hu@geeetech.com.cn***) if you have any questions.

Sincerely,

Teddy Hu

R&D Department, GEEETECH

WIKTOR JELEŃ

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linkedin.com/in/wiktor-jelen github.com/Akinzou
Location: Kraków, Poland | Status: Root Access System Architect

PARADIGM & STRATEGY

I operate within the **High-Velocity Engineering** paradigm. I leverage LLMs as high-order compilers, allowing for a rapid transition from business logic to stable production code. My measurable impact – including a proprietary Quant library operating on real capital (**36,000+ PyPI downloads**) and hardware optimization experience in Shenzhen – serves as hard evidence of my methodology in delivering high-stakes results.

Note to Recruitment: *My high-velocity methodology is engineered for environments where "Automation-First" and "Security by Design" are systemic requirements. I exclusively target technical partnerships where technical debt and manual workflows are treated as* ***systemic vulnerabilities****. This alignment ensures maximum ROI on my integration, allowing for rapid, stable scaling without the latency of micromanagement.*

EDUCATION

B.Eng. in Computer Science, Cybersecurity — *10.2024 – Present*
WSB National Louis University — Kraków, Poland

Mechatronics Technician
Technical School of Electrical Engineering and Mechanics — Nowy Sącz, Poland

PROFESSIONAL EXPERIENCE & R&D

System Architect (Anatomy Project) — *09.2025 – 02.2026*
Randlab Software — Remote

- **Backend Core:** Designed and deployed a scalable architecture using **NestJS 11**, **TypeORM**, and **MySQL 8** for 450+ concurrent users (Medical University of Silesia).
- **Cybersec & Auth:** Implemented **LDAP (ldapts)** integration with University Active Directory and **JWT**-based authorization. Conducted **OWASP Top 10** audits, enforced strict input validation (**Zod**), and data sanitization.
- **Infrastructure/DevOps:** Configured production environments (Ubuntu, **Nginx reverse proxy**, SSL, **PM2**) and engineered **CI/CD** pipelines via GitHub Actions for automated deployment.
- **API & Data:** Designed a comprehensive **RESTful API** (Swagger/OpenAPI, 16+ endpoint types) featuring advanced pagination, filtering, and sorting (**nestjs-paginate**).
- **QA/QC:** Authored unit and integration tests (**Jest**) maintaining **50%+** code coverage.

R&D Systems Engineer (Hardware Enhancement) — *08.2024 – 08.2025*
GEEETECH (R&D Department) — Shenzhen, China / Remote

- **Full-Remote Autonomy:** Managed system integration and firmware optimization (Klipper) for the Shenzhen tech hub; served as a strategic technical bridge between European engineering standards and Chinese R&D velocity.
- Advanced structural redesign of A10M printer components in Fusion 360 and stepper motor control optimization.

Consultant: Sales Systems Configuration — *04.2023 – 07.2024*
Randlab Software (Polsat Plus Group) — Remote

- Automated client documentation generation and configured complex sales offers for POS, telemarketing, and mobile sales channels.

Embedded / Thingsboard Specialist — *09.2022 – 03.2023*
Randlab Software — Nowy Sącz, Poland

- Developed a pipe impedance monitoring system for the heating industry using **ThingsBoard**.
- Integrated hardware (C++) with web interfaces and implemented AWS-based alerting systems.

PROJECTS / OPEN SOURCE

PythonMetaTrader5 | Production-Ready Quant Library — Link

- MetaTrader5 wrapper (**36,000+ downloads** on PyPI). Designed for algorithmic trading with real capital, ensuring data normalization and critical execution stability (retcode handling).

TradeLockerBot | Trading Automation System Link

- **FastAPI** backend integrated with TradingView webhooks. Fully containerized via Docker with automated CI/CD.

TECHNICAL SPECIFICATIONS

Backend:	NestJS 11, TypeScript, FastAPI, TypeORM, MySQL, PostgreSQL
Frontend:	React, Three.js, TailwindCSS, GSAP, Vite
Infrastructure:	Linux (Ubuntu/Debian), Nginx, PM2, Docker, GitHub Actions (CI/CD), AWS
Cybersec Logic:	IAM (LDAP/AD), JWT, Zod Validation, OWASP Top 10 Audit, SSL/TLS
Low-Level:	C++ (Embedded), SPI/I2C, Klipper Firmware, Hardware Optimization
Tools:	Jest (Testing), Swagger/OpenAPI, Postman, Claude Prompt Engineering