

MOHAMMAD EBRAHIMI

Senior Backend Developer & Technology Entrepreneur

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PROFESSIONAL SUMMARY

Backend developer and technology entrepreneur specializing in AI, blockchain, and fintech systems. Proven track record founding, leading, and scaling self-funded startups and complex software platforms end-to-end — from architecture through go-to-market. Holder of two registered patents and an official member of Iran's National Elites Foundation.

PROFESSIONAL EXPERIENCE

Founder & CEO — Arya Tose'e Hooshmand Kabir Holding

2025 – Present

- Set overall strategic direction and technology roadmap for a holding group spanning AI, smart travel, and robotics.
- Led the AI division for Kooch, a smart travel-management platform, from concept through development.
- Directed technical planning and development of the Simorgh autonomous drone program.
- Secured and drove enterprise contract projects; contributed to strategic development of the AvinPay installment-payment system.

General Manager — Classic Mobile & Affiliated Online Stores

2024 – Present | Ahvaz, Iran

- Managed two physical retail branches and two e-commerce stores (cosmetics; mobile-device import and wholesale distribution from the UAE and Iraq) concurrently.
- Designed and launched an installment-payment sales model via AvinPay, driving a 1.7x increase in overall sales.
- Oversaw supply chain, pricing strategy, and daily operations across all four sales channels.

Backend Developer — Vandad Tejarat

2024 – 2025

- Built a business-automation system end-to-end, covering the full pipeline from marketing to sales completion.
- Designed an asynchronous backend architecture to handle high transaction and customer-interaction volume.

Software Developer — Ramzin Plus

2023 – 2025

- Developed digital-health platform modules for patient monitoring and AI-assisted analysis of medical records.
- Built a child-tracking safety platform and implemented biometric login for user authentication.

KEY PROJECTS & PATENTS

- Houshray Voting System — Registered patent for a blockchain-based voting system with AI facial-recognition authentication.
- Kooch Travel Platform — AI-powered smart operating system for travel planning and management.
- Simorgh Drone Program — Designed and programmed autonomous flight guidance and navigation systems for quadcopter platforms.
- Open-Source Contributions — NexGram (social-media automation), WooSync and ShadowSync (data-synchronization tooling), and a suite of network-security and penetration-testing utilities.

TECHNICAL SKILLS

- Backend & Architecture: Python, PHP, Node.js, Asynchronous Architecture, API Integration, Server-Side Automation
- Databases & Frameworks: Aiogram, SQLAlchemy (Async), Alembic, Pyrogram, Telethon, MySQL, PostgreSQL, SQLite
- Infrastructure & Security: Linux (Ubuntu, systemd), Docker, Cloudflare, CloudDNS, Git, Network Security, Penetration Testing

EDUCATION

B.Sc. in Computer Engineering (Software) — In Progress

Diploma in Mathematics & Physics — SAMPAD Talayedaran National Talent School

HONORS & ACHIEVEMENTS

- Official member, National Elites Foundation of Iran.
- Holder of two registered patents in artificial intelligence.
- Exhibitor, ELECOMP 2026 and INOTEX 2023.
- Selected laureate, Khwarizmi Youth Festival (2024); Farda Science Festival (2022–2024); Nuclear Energy Karsoo (2023).