

Mahyar Nasiri

Full Stack Developer

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10+	73	26	68
Projects Completed	Developer Tools	Open Source Repos	GitHub Stars

● PROFILE

Full Stack Developer building web, mobile and desktop applications — with a strong focus on backend engineering, network automation and practical developer tools. Work spans SSH/Telnet network device management, MQTT clients, HTTP tunneling, remote Linux administration and full-stack web platforms. Likes solving real problems with the right stack, and documents and open-sources what is built.

● SELECTED PROJECTS & EXPERIENCE

LinkOPS Desktop

2026

Desktop · Network Device Management

Network device management over SSH and Telnet: unified xterm.js terminal with multiple interactive sessions, vendor-aware CLI automation, batch command execution, reusable command templates, scheduled configuration backups with diffs, and OS-keychain encrypted credentials (Electron safeStorage).

- Electron
- React
- TypeScript
- xterm.js
- SSH
- Telnet
- SQLite
- Drizzle ORM
- Zod

ITEV

2026

Web Platform · IT & Security Evaluation

Production-ready platform for assessing IT and cyber-security readiness across regions: scored inspection forms with image/video evidence, review and finalization workflow, Persian-calendar analytics, regional rankings, role-based access control, audit trail and secure evidence uploads.

- Next.js
- TypeScript
- PostgreSQL
- Drizzle ORM
- Redis
- Tailwind CSS
- JWT

Cube SSH

2026

Web · Remote Linux Management

Web-based desktop environment to manage Raspberry Pi and other Linux devices over SSH: interactive xterm.js terminal, SFTP file manager, real-time system monitor, remote code editor, process manager and log viewer. Shell I/O is streamed to the browser via Socket.IO with an ssh2 backend.

- Next.js
- TypeScript
- xterm.js
- Socket.IO
- ssh2
- SFTP
- Tailwind CSS

Cube HTTP

2026

Backend Tool · HTTP Tunneling

Lightweight HTTP tunneling solution built with Node.js and WebSockets that exposes a local service through a public tunnel endpoint.

- Node.js
- JavaScript
- WebSocket

Cube MQTT

2025

Mobile · IoT / MQTT Client

Cross-platform mobile app (React Native / Expo) for IoT device management over MQTT: connect to brokers, subscribe and publish to topics, view real-time logs, and manage notification and app settings with offline persistence.

- React Native
- Expo
- MQTT
- JavaScript
- AsyncStorage

Florabit

2025

Web Platform · Tree Management

Full-stack tree management system for green spaces: detailed tree records, QR code generation and scanning for quick data access, and an interactive map showing the exact location of every tree.

- Next.js
- Flask
- PostgreSQL
- QR Code
- JavaScript

DOSSIER

2025

CLI · Terminal Application

Terminal-based dossier database inspired by Mr. Robot, built with Python and curses: keyboard-driven retro CLI for creating, viewing and editing JSON-backed character profiles loaded from a local directory.

- Python
- curses
- JSON
- CLI

EDUCATION

undefined

Undergraduate program in Computer Engineering — foundations of software development, algorithms, data structures and computer systems.

undefined

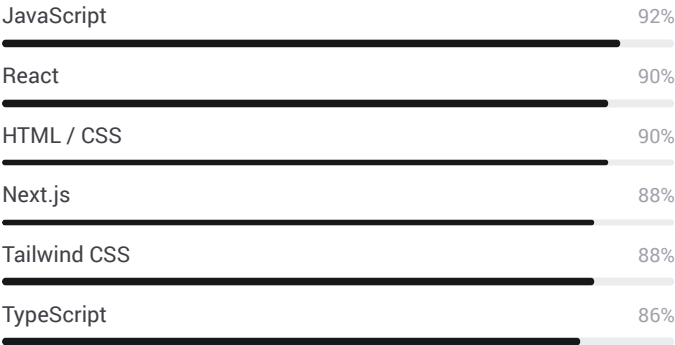
Pre-university diploma specialized in mathematics and physics.

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Planned graduate studies focused on artificial intelligence, machine learning and data science.

SKILLS

Frontend



Mobile



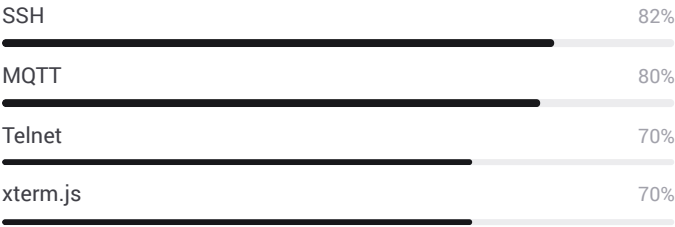
Backend



Databases



Networking & Automation



Tools & Development



■ LANGUAGES

Persian ☐ Native English ☐ Professional