

Mahdi Jadidi

Data Engineer | Software Engineer | Workflow Automation

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PROFESSIONAL SUMMARY

Software Engineer with hands-on experience in **automation, data analysis, and Python-based development**. Skilled in **translating business requirements into scalable technical solutions, automating workflows**, and delivering **data-driven insights**. Experienced with **Python, n8n, Dash, Git, Docker, and CI/CD**, and comfortable working in **early-stage, ambiguous environments** with **direct stakeholder collaboration**.

SKILLS

PROFESSIONAL SKILLS

Business Data Analysis | Process Automation & Optimization | Requirements Analysis | Translating Business Needs into Technical Solutions | Working in Early-Stage & Ambiguous Environments | Stakeholder & Cross-functional Collaboration

TECHNICAL SKILLS

Programming: Python | C++ | C | R
Data & Analytics: Data Analysis | Probability & Statistics | Dash (Python)
Automation: n8n | Workflow Automation | AI Assistants | Prompt Engineering
DevOps & Tooling: Git | GitHub Actions | Docker | Shell Scripting | CI/CD
Web: HTML | CSS | JavaScript

PROFESSIONAL EXPERIENCE

Software Engineer | IDarsham | Tehran, Iran

Mar. 2021 – Oct. 2021

- Contributed to **C++ backend tasks** in a production environment.
- Developed **internal training websites** using HTML, CSS, and JavaScript to support employee onboarding.
- Deployed and configured **Sepidar accounting software** for multiple client businesses.
- Set up and maintained **small-business IT infrastructure**, including networking, POS devices, printers, and multi-system connectivity.
- Participated in **three retail system integration projects**, connecting accounting software, hardware devices, and local networks.

Data Analyst | Quantum

Feb. 2026

- Completed a job simulation focused on **data analytics and commercial insights** for a data science team.
- Performed **data preparation and customer analytics** on transaction datasets to extract actionable insights and deliver **data-driven commercial recommendations**.
- Identified **benchmark stores** to support uplift testing on trial store layouts, enabling **evidence-based decision-making**.
- Produced structured analytical reports for a **Category Manager**, supporting strategic and commercial decisions.

Software Engineer | Quantum

Feb. 2026

- Developed an interactive **Dash (Python) application** to assess the impact of price changes on sales and profitability.
- Implemented a **test suite and bash script** to automatically verify application functionality.
- Built a simple, intuitive **user interface** to improve usability and client interaction.

Automation Developer | Datacom

Jan. 2026

- Advised a hypothetical staffing client on **automating the timesheet-to-invoice process**.
- Identified and evaluated **process automation opportunities** aligned with business requirements.
- Designed a **process flow for a key operational persona**, focusing on efficiency and maintainability.

Cloud & DevOps Engineer | Datacom

Jan. 2026

- Gained hands-on exposure to **DevOps engineering concepts** in a cloud environment.
- Registered and configured a **cloud application** for a hypothetical banking client.
- Created a **GitHub Actions workflow** to automate parts of the development lifecycle.

Freelance Automation Developer

- Built and deployed **automation systems and AI-assisted chatbots** for websites, Instagram, and WhatsApp.
- Designed **sales-assistant workflows** that handled customer inquiries, collected required information, and guided purchases.
- One deployment resulted in an estimated **~30% increase in sales within the first month**, primarily by improving response speed and lead handling.
- Implemented **end-to-end automation workflows**, including customer data capture, inventory availability checks, order/receipt generation, and warehouse notifications.
- Worked directly with business owners to **translate vague business requirements into simple, maintainable automation logic**.

PROJECTS

Sales & Operations Automation (n8n)

- Automated core sales and operations workflows for small businesses, focusing on reliability and maintainability.

Business Data Dashboard (Dash)

- Built an interactive dashboard to analyze pricing impact on sales and profitability, with automated tests.

----- EDUCATION -----

Bachelor of Computer Engineering, Business Management

Oct. 2023 – Present

University of Tehran | Tehran, Iran

Diploma – Mathematics & Physics

Oct. 2018 – Jun. 2023

NODET | Iran

----- CERTIFICATIONS -----

Quantium – Data Analytics, Forage | 2026

Quantium – Software Engineering, Forage | 2026

Datacom – Automation Developer, Forage | 2026

Datacom – Introduction to Cloud & DevOps, Forage | 2026

----- LANGUAGES -----

Persian | English | German