

Domenico Catalano

RPA DEVELOPER · SOFTWARE ENGINEER

Palermo, Italy

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RPA Developer focused on automation delivery, Python integration, and workflow optimization.

Highlights

- RPA Developer with 4+ years of hands-on experience in leading automation platforms including UiPath and Robocorp, delivering end-to-end automation solutions from development to implementation.
- Strong consultative experience, collaborating with clients and stakeholders to identify automation opportunities and provide tailored strategies to achieve operational goals.
- Experience building intelligent automation solutions using AI-powered tools such as Copilot and Copilot Studio, including support for conversational workflows and development acceleration.
- Proficient in Python, with academic experience in Java and practical experience in workflow optimization and web automation support.

Work Experience

Freelancer

FREELANCE RPA DEVELOPER

Palermo, Italy

May 2026 - Present

- Develop automation solutions using UiPath and Robocorp for custom business workflows and operational improvements.
- Integrate Python scripts to extend bot capabilities, handle custom logic, and improve process maintainability.
- Use AI-assisted tools such as Copilot to speed up development, debugging, and delivery.
- Apply JavaScript injection techniques to optimize web automation flows and improve interaction reliability.

BIP

RPA DEVELOPER

Italy

Jan. 2026 - Apr. 2026

- Developed RPA bots for Public Administration processes, supporting regional operational activities.
- Performed bug fixing and maintenance on existing automation solutions to improve stability and continuity.
- Designed ad hoc automations to reduce manual workload for regional employees and streamline repetitive tasks.
- Created Python scripts to support work organization and improve execution efficiency.
- Used UiPath Orchestrator to map, schedule, and monitor workloads and automation processes.

Efficiento

RPA DEVELOPER

Bologna, Italy

Sep. 2023 - June 2025

- Transformed key business processes via Intelligent Process Automation (IPA) for managing invoices, decreasing manual work by over 84%.
- Collaborated with IT and business teams to install, manage, and monitor RPA assistants on virtual machines, reducing execution time by 50%, improving system reliability, and enhancing alignment with stakeholders and project objectives.
- Realized Software Design Documents (SDDs) to reduce knowledge transfer time by approximately 3 hours per individual.
- Post Go-Live Support: Monitoring activities, bug fixing, and continuous improvement to ensure process stability and efficiency.
- Tech Stack: Robocorp, UiPath, Python, Power Automate, Copilot Studio, REST API, Git, Jira, Confluence, openpyxl, pandas, Selenium, Robot Framework.

Sprint Reply

RPA DEVELOPER, EXTERNAL CONSULTANT

Milan, Italy

Apr. 2022 - Aug. 2023

- Application Maintenance Specialist (AMS): Managed and optimized 20+ high-priority business processes with integrated queue management, achieving a performance improvement of over 30%.
- Designed and implemented automated workflows using UiPath to extract actionable insights from raw data and generate well-structured, insightful reports.
- Delivered timely resolutions to system bugs, minimizing downtime and enhancing operational efficiency.
- Collaborated with business users to address technical issues, ensuring effective communication and prompt resolution.
- Prioritized and categorized customer requests, focusing on service excellence by addressing urgent and critical issues efficiently.
- Tech Stack: UiPath, VB.NET, MySQL, Git, Microsoft Access.

Selected Projects

TableNight

tablenight.app

PERSONAL PROJECT · SIDE PROJECT

2026 - Present

- Designed and developed a browser-based web app hosting 3 party games, removing the need to download and install native apps before a game night.
- Focused on instant, mobile-first access: players open a link and start playing on their own device in a few seconds.
- Owned the full lifecycle end to end: concept, game logic, UI/UX, deployment, and iterative improvements based on real user feedback.

DAI Travel Planner

dai-travel-planner-web.onrender.com

COLLABORATIVE PROJECT · SIDE PROJECT

2026 - Present

- Co-developed with a fellow developer a web application that builds and organizes personalized travel itineraries.
- Worked in pair on requirements, feature scoping, and code review, sharing development tasks and using Git for version control.
- Deployed and maintained the application on a cloud platform (Render), managing releases and post-deployment fixes.

PillMinder

[Palermo, Italy](#)

ACADEMIC PROJECT

Jun. 2017

- Concept generation and evaluation based on customer needs, functionality, and design requirements.
- Material selection considering durability, weight, cost, and user experience.
- Design and technical specifications covering compartments, pill extraction mechanisms, alarms, display features, dimensions, and space allocation.
- Cost estimation including materials, shipping, labor, packaging, and other production-related expenses.
- Production and shipping analysis, including economies of scale and final target-vs-actual comparison on specifications and estimated cost.

Education

Lipari Consulting

[Palermo, Italy](#)

LIPARI ACADEMY

Feb. 2022 - Apr. 2022

- Object-Oriented Programming: Designed and implemented Java applications, integrating REST and SOAP APIs.
- Relational Database Management: Created and managed databases using MySQL to optimize data storage, management, and retrieval.
- Business Management: Applied both Waterfall and Agile project management methodologies to support planning and execution.

University of Palermo

[Palermo, Italy](#)

B.SC. IN MANAGEMENT AND COMPUTER ENGINEERING

Sep. 2016 - Jul. 2020

- Developed a third-year project using Java, SQL database, and online SMS service integration to simulate a hospital platform for guests, patients, and doctors.
- Main courses: Algorithms and Data Structures, Object-Oriented Programming, Database Management Systems, Big Data, Computer Architectures.

Skills

Coding	Python, VB.NET, Java, JavaScript, SQL
RPA & Automation	UiPath, Robocorp, UiPath Orchestrator, Process Automation, Queue Management, Web Automation
Web & Cloud	Web App Development, Render, Netlify, REST API
Libraries & Tools	Git, Selenium, pandas, openpyxl, Microsoft Access, MySQL, Jira, Confluence, Copilot, Copilot Studio
Languages	English (fluent), Italian (mother tongue)