

Pouria Forghani Torbaghan

Backend Python Developer

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SUMMARY

Backend Developer with 2+ years of experience building products using Python, Flask, and PostgreSQL. Skilled in API design and development, database architecture, and deployment. Familiar with NoSQL databases such as MongoDB, Docker, and CI/CD basics. I follow best practices, clean code principles, and design patterns to build scalable, maintainable systems. Product-oriented thinker with hands-on experience creating simple UIs using HTML, CSS, Bootstrap, and Jinja. Authorized to work in both Canada and Portugal.

EDUCATION

Islamic Azad University of Mashhad

Mashhad, Iran

B.E. Software Engineering

Sep 2018 - Jan 2023

- Participated in ACM programming contests, improving problem-solving and teamwork skills.
- Experimented with different tech stacks and OS environments, improving adaptability across tools and workflows.

SELECTED PROJECTS

ClientEase

Lisbon, Portugal

Full-Stack Developer ([GitHub](#) | [Demo](#))

Feb 2025 - Oct 2025

- Designed and built a full-stack client, project, and invoice management system solo, handling architecture, implementation, and deployment.
- Structured the backend using Flask Blueprints for a modular, scalable architecture.
- Implemented SQLAlchemy ORM with PostgreSQL, adding query utilities (pagination, filtering, search).
- Added PDF invoice generation, email automation (Brevo API), and role-based authentication.
- Deployed to Render with Supabase PostgreSQL, environment variables, and CI-based deployment.
- Created a minimal, responsive frontend using HTML, CSS, Bootstrap, and Jinja templates.
- Followed clean code, PEP 8, and MVC/Service Layer patterns for maintainability and separation of concerns.

ArtHunt API

Lisbon, Portugal

Backend Developer ([GitHub](#))

Apr 2025 - Jul 2025

- Built a Flask REST API for an art-sharing platform concept inspired by Product Hunt.
- Structured with Flask Blueprints and a Service Layer for scalability and clean modularity.
- Implemented JWT authentication, role-based access control, and multi-tenant user management.
- Added upvoting, nested commenting, portfolio management, category/tag creation, and multi-currency support.
- Integrated a third-party API (SendGrid) for password recovery and account verification emails.
- Used SQLAlchemy for ORM, Marshmallow, Alembic, and pytest for ORM, validation, migrations, and testing.
- Applied Clean Architecture principles for maintainability and easy feature expansion.

Game Manager Telegram Bot

Lisbon, Portugal

Backend Developer ([GitHub](#))

Jul 2025 - Aug 2025

- Built a Telegram bot using Python and SQLAlchemy for competitive game management, supporting multi-chat isolation, real-time score tracking, and dynamic leaderboards.
- Developed ranking algorithms, inline keyboard menus, and conversation/callback handlers, enabling flexible game input, interactive navigation, and real-time game management.
- Ensured reliability and maintainability by implementing Alembic migrations, soft-deletion patterns, timezone-aware timestamps, decorator-based access control, and structured logging.

SKILLS

- **Languages:** Python, SQL
- **Databases:** PostgreSQL, MongoDB, SQLite
- **Others:** Alembic, Pytest, Clean Code, MVC patterns, REST API design
- **Frameworks & Libraries:** Flask, Jinja
- **DevOps / Deployment:** Render, Git, CI/CD basics, Docker