ED POURSHAHIDI

SENIOR WEB DEVELOPER

EP
EDUARDO POURSHAHIDI

CONTACTS

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📍 Orlando, FL, United State

SUMMARY

Senior Python Developer with over **10 years of experience** building **high-impact, scalable web applications** across **fintech, e-commerce,** and **SaaS** industries. Proven track record of **leading agile teams,** improving performance by **30 – 60%,** and delivering **secure, efficient,** and **user-friendly back-end systems.** Specialized in **Python-based** development using **FastAPI, Django,** and **Flask,** with strong integration of **RESTful/GraphQL APIs, data pipelines,** and **automated workflows.** Skilled in designing and deploying applications on **cloud infrastructure(AWS)** with **Docker, CI/CD pipelines,** and **relational/NoSQL** databases. Known for writing **clean, testable code,** driving technical excellence, and mentoring team members to build high-performing engineering teams.

EDUCATION

University of Central Florida

B.S. in Computer Science
Orlando, FL, United State
05/2011 – 08/2015
GPA | **4.0** / 4.0

EXPERIENCE

Tech Nova Inc
Senior Web Developer(Python)

Remote
01/2021 - 06/2025

- Led the back-end rebuild of a B2B SaaS platform using FastAPI and microservices, improving page load time by 52% and boosting user retention by 18%.
- Developed scalable RESTful APIs and asynchronous services using FastAPI, enabling high-throughput communication between distributed systems.
- Refactored monolithic applications into Flask + Celery microservices, significantly enhancing maintainability and deployment agility.
- Implemented secure auth systems with OAuth2, JWT, and role-based access control, strengthening API-level security.
- Integrated third-party services (Stripe, Twilio, Firebase) into Python workflows for secure payments, messaging, and real-time updates.
- Containerized and deployed apps via Docker, using AWS ECS and Lambda to achieve 99.9% uptime and 40% faster releases.
- Built CI/CD pipelines with GitHub Actions and Jenkins, automating deployments and reducing manual release time by 60%.
- Optimized database interactions with PostgreSQL, MongoDB, and SQLAlchemy, enhancing data access performance and reliability.
- Monitored and improved performance metrics using tools like Prometheus, Grafana, and AWS CloudWatch, enabling proactive issue resolution and system tuning.
- Collaborated closely with cross-functional teams, including DevOps, front-end, and product managers, to align back-end architecture with business goals and ensure seamless delivery.

Key Projects
Admin Analytics Dashboard–Cisco Company

Remote
02/2024 - 06/2025

Stack: Python (FastAPI), PostgreSQL, REST APIs, JWT Authentication, Docker, AWS

- **Developed and maintained secure RESTful APIs** in **FastAPI** to power an internal analytics dashboard used for enterprise-level reporting.
- Implemented **role-based access control (RBAC)** and **JWT authentication,** ensuring secure access to sensitive business data and compliance with enterprise security standards.
- Optimized API response times and data retrieval using **PostgreSQL** and **SQLAlchemy,** contributing to a **40% reduction in page load time.**
- Built the back-end with scalability in mind, using **modular FastAPI services** and **Dockerized deployments** for easy maintenance and future enhancements.

E-Commerce Admin Portal –Salesforce Company   05/2021 - 04/2022

Stack - Python (FastAPI), PostgreSQL, REST APIs, JWT Authentication, Docker

- Developed and maintained the back-end architecture for a role-based admin portal supporting order tracking, analytics, and real-time inventory management.
- Built secure, scalable RESTful APIs using FastAPI, integrated with JWT-based authentication and role-based access control to protect sensitive operations.
- Utilized PostgreSQL for reliable data storage and reporting, optimizing queries to support fast access to live operational data.
- Enabled a 40% improvement in administrative efficiency by automating manual workflows and delivering high-performance endpoints for internal users.

📄 CERTIFICATIONS

AWS Certified Developer – Associate (2023)
Certified ScrumMaster (CSM)

🚀 SKILL

Web & AI Development

Front-End: Angular (RxJS · NgRx · Angular CLI) · React.js · Next.js · Vue.js · TypeScript

Back-End: Node.js · Express.js · Django · PHP · REST/GraphQL APIs

AI Development: Python (NumPy · Pandas · scikit-learn) · TensorFlow · PyTorch · OpenAI API · NLP

DevOps & Tools: Docker · Git · GitHub Actions · Jenkins · AWS(EC2, S3, RDS) · Vercel

Databases: PostgreSQL · MySQL · MongoDB · Redis · Your Skill ·

Testing: Jest · Cypress · Playwright · Mocha

Project Management: Agile/Scrum Jira · Trello · CI/CD · MentorshipCode Reviews

👥 EXPERIENCE

CodeFusion LLC   Remote
Web Developer   06/2017 - 12/2020

- Developed and maintained back-end services for over 15 full-stack applications using Python (Django and FastAPI) and RESTful APIs, delivering scalable, secure, and high-performance solutions across diverse domains.
- Built modular and reusable API components, significantly reducing development time and improving maintainability across multiple projects.
- Integrated third-party services such as Stripe (payments), Twilio (messaging), and Firebase (authentication & real-time data), ensuring secure and reliable data workflows.
- Mentored 4 junior developers, 2 of whom were promoted within a year.
- Led the redesign of an e-commerce platform, improving conversion rates by 25%.

Key Projects   Remote
Customer Onboarding Portal – Intel Corporation.   11/2019 - 12/2020

Stack - Python (Django, FastAPI), REST APIs, PostgreSQL, JWT Authentication, Docker,

- Architected and implemented the back-end of a customer onboarding portal for a fintech SaaS platform using Python (Django), replacing .NET components with scalable Python services.
- Streamlined the onboarding workflow with step-based logic, real-time data validation, and clean API communication between front-end and server.
- Built secure authentication and authorization flows using JWT and role-based access control, ensuring compliance with financial industry standards.
- Designed efficient data models and APIs using Django ORM and PostgreSQL, optimizing queries and ensuring seamless data persistence.
- Delivered a highly-performant and scalable system with Dockerized deployments on AWS, allowing for future enhancements with minimal downtime.

BrightSpark Web Studio   Austin, TX : Hybrid
Junior Web Developer   08/2015 - 05/2017

- Created responsive websites and custom WordPress themes for 30+ clients.
- Optimized performance and SEO, improving client site rankings and reducing bounce rates by 40%.

Key Achievements

- Created over 30 responsive websites and custom WordPress themes tailored to client needs, spanning multiple industries.
- Applied SEO best practices and performance enhancements, resulting in a 40% reduction in bounce rates and improved search engine visibility.

Key Projects   On-site
Real-Time Chat App – ServiceNow Company   01/2016 - 10/2016

Stack-Socket.IO, MongoDB, JWT.

- **Launched a secure real-time chat platform** serving over **1,000 daily active users**, built for **scalable communication** and **reliable performance**.
- Included features such as **live typing indicators**, **real-time notifications**, and **offline message synchronization** for a **seamless user experience**.