Enes Jashari

AI Specialist & Full-Stack Product Leader | Applied AI, Intelligent Systems, and Project Manager

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Professional Experience

AI Engineer & PM *(Freelancer)*   New York, USA
*Locum Providers - Healthcare (*Artificial Intelligence Department*)*   Jan 2025 - Present

- Spearheaded the design and deployment of NLP-based LLM APIs to autonomously extract structured data from user CVs, creating dynamic user profiles, driving **95%** reduction in manual input, and enhancing candidate-job match accuracy.
- Led end-to-end development of 35+ AI-powered models for profile scoring, recommendation, and enrichment, establishing foundational systems for scalable personalization.
- Implemented smart agent systems to assist HR teams through conversational interfaces, Enabling automated generation of reports, on-demand data analytics, and intelligent task execution based on natural language requests, boosting operational efficiency and decision support.
- Implemented smart agent systems using **LLMs (GPT-based)** to assist HR and healthcare teams via conversational interfaces, automating CV reviews, report generation, real-time analytics, and personalized training guidance.

Senior Full-Stack Engineer   New York, USA
Locum Providers - Healthcare   Jan 2023 - Jan 2025

- Utilized Python , **Celery** and **Redis** to build scalable backend services that powered data-intensive applications, achieving sub-second API response times for real-time analytics and enabling seamless horizontal scaling on GCP to handle growing data volumes.
- Designed and led an AI-powered resume-matching software using unsupervised learning algorithms and NLP techniques, processing **50+** profiles in under **10 seconds**, Boosted candidate-to-role fit by 30%.
- Architected role-based authentication flows leveraging **AES-256** encryption and JWT token validation, slashing auth-related incidents (session hijacking) by **40%** over six months.
- Integrated CI/CD pipelines with automated SAST, DAST**, ClamAV** security scans, boosting deployment frequency by **25%** within a year while maintaining zero critical vulnerabilities in production.
- Collaborated cross-functionally with AI, data science, and DevOps teams to integrate advanced AI features, such as predictive staffing models and automated anomaly detection, into the management suite, resulting in a **20%** reduction in operational inefficiencies and improved cross-departmental workflows.

Instructor   Prishtina, Kosovo
A.U.K - TDI Department   Feb 2023 – Jul 2025

- Designed 12+ comprehensive curricula (Python, Java, Django, PHP, Kotlin, React, Android) for groups of 50+ learners each, aligning content with industry best practices and emerging trends
- Mentored over **350+** students through hands on projects, developing Personal Portfolios, 2FA

Systems, CRM platforms, and APIs achieving a fully course completion rate and perfect post-course satisfaction score.

- **Facilitated** soft-skills workshops on algorithmic thinking and computational problem-solving, boosting student placement in internships within six months of course completion.

Head of Development   Berlin, Germany
Green Technologies - Consulting   Jan 2022 -Feb 2023

- Led a cross-functional team of six engineers, designers, and product managers through the full software development lifecycle, delivering 5 major product releases on schedule and under budget.

- Established coding standards, security protocols, PR, (Jira , GitLab CI, Docker), reducing critical bugs by **50%** and accelerating time-to-production by **30%**.

- Formulated a 12-month technology roadmap and optimized workflows, increasing team velocity and aligning technical initiatives with strategic business goals.

Education

University of AAB
Computer Science - Software Engineering

Certifications

- Artificial Intelligence Certification

- Machine Learning & Algorithm Certification

- Big Data Analytics Certification

- <u>PCAP Certificate</u> – From OpenEDG & Python Institute

- Cisco Certified Instructor – Cisco NetAcad

- JavaScript Certification

- ICT & Digital Skills Training in Python

- Scientific Computing with Python Certification

- JavaScript Certification

- Community Youth Mapping and Research

Core Technical Skills & Tools

Programming Languages : Python, Java, JavaScript (ES6+), Typescript, PHP, C# , Kotlin

Frameworks : Django, FastAPI , React.js , NodeJS

Web Development : HTML5, CSS3, Bootstrap 5, jQuery, SEO, Google Analytics

Databases : MySQL, SQLite, MongoDB, MariaDB

API Development : RESTful APIs, Asynchronous processing , GraphQL, API Integration

AI/ML & Data: TensorFlow, NumPy, Pandas, SciPy, Matplotlib, Scikit-learn, OpenCV

Cloud &Technologies : GCP , AWS , CI/CD , Celery , Redis

Scraping : BeautifulSoup, Selenium

Version Control : Git, GitHub, GitLab

Cybersecurity : Nmap, Secure coding practices

UI/UX Development : Figma, A/B testing

Problem Solving & Collaboration : Strong communication, cross-functional teamwork, Agile

Projects

- Digital Identity & AI Personal Assistant – **Powered by LLMs**
- AI-Powered Weather Forecasting System
- Machine Learning Stock Market Predictions, Feather Forecast, Human Detection
- E-Banking API - Key Security Feature & Real Time Data Control, **50**+ daily Active Users
- Quote API (https://quoteapi.pythonanywhere.com)
- Nes Magazine(https://nesmagazine.pythonanywhere.com)
- Wifi QR Code (https://wifiqrcode.pythonanywhere.com)
- Live Weather App (https://liveweather.pythonanywhere.com)