

Enes Jashari

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

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Professional Experience

AI Engineer

Locum Providers - Healthcare

Boston, Massachusetts

Jan 2025 – Aug 2025

- Spearheaded the design and deployment of NLP-based LLM APIs to autonomously extract structured data from user Resume-s, 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 Agents 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.
- Developed intelligent multi-agent workflows using **LangChain, LangGraph, AirFlow**, enabling real-time creation of user experience narratives (“background story”) and simultaneous comparison against job requisitions. This system powered dynamic match scoring between candidate backgrounds and job descriptions, significantly improving transparency and decision support for HR and end users.

Senior Full-Stack Engineer

Locum Providers - Healthcare

Boston, Massachusetts

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

A.U.K - TDI Department

Prishtina, Kosovo
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

Green Technologies - Consulting

Berlin, Germany
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
- *PCAP* Certificate – 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 & Data: TensorFlow, Pandas, SciPy, Matplotlib, Scikit-learn , OpenCV, LangChain, LangGraph

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

Scraping : BeautifulSoup, Selenium

Version Control : Git, GitHub, GitLab

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

Projects

- Digital Identity & AI Personal Assistant – **Powered by LLMs**
 - Integrated LangChain-based caching system into a Digital Identity AI Assistant to persist user-specific queries and responses, reducing redundant LLM and vector store calls, accelerating response times, and optimizing overall compute efficiency for personalized interactions.
- AI-Powered Weather Forecasting System , +1000 daily Users
- 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>)