Enes Jashari

AI Specialist & Full-Stack Product Leader | Applied AI, Intelligent Systems, Data Scientist

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Professional Experience

AI Engineer   Boston, Massachusetts
Locum Providers - Healthcare   Jan 2025 – Aug 2025

- **Achieved** a 95% reduction in manual data entry and enhanced candidate-job matching accuracy, **through** spearheading the design and deployment of an NLP-based LLM agents to autonomously extract structured data from resumes and create dynamic user profiles.
- Drove **personalization at scale** by **developing 35+ AI-powered scoring and recommendation agents**, enabling automated profile enrichment and optimized job matching.
- Boosted HR operational efficiency **by 40%** through building conversational AI agents for CV review, **report generation, and real-time analytics**, providing intelligent 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   Boston, Massachusetts
Locum Providers - Healthcare   Jan 2023 - Jan 2025

- Achieved sub-second API response times on **GCP** by building scalable **Python** backends with **Celery** and **Redis**, enabling real-time analytics and seamless horizontal scaling.
- Increased candidate-to-role fit by **30%** by designing and leading AI-powered resume-matching software using NLP and unsupervised learning, processing **50+** profiles in under 10 seconds.
- Reduced auth-related security incidents by 40% over six months by architecting role-based authentication flows with AES-256 encryption, JWT validation and 2FA.
- Increased deployment frequency by **25%** while maintaining zero critical vulnerabilities by integrating CI/CD pipelines with automated SAST, DAST, and **ClamAV** security scans.
- Cut operational inefficiencies by 20% by integrating predictive staffing models and anomaly detection into the management suite, streamlining cross-departmental workflows.

Instructor   Prishtina, Kosovo
RIT Kosovo – T.D.I   Feb 2023 – Jul 2025

- Led the training of **Kosovo's KSF** in **Data Engineering** and **AI**, an appointment of national trust and a career-defining achievement.

- 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.

Software Development Leader   Berlin, Germany
Green Technologies - Consulting   Jan 2022 - Feb 2023

- Delivered 5 major product releases on time and under budget by leading a cross-functional team of 6 engineers, designers, and PMs through full SDLC.
- Reduced critical bugs by 50% and accelerated time-to-production by 30% by establishing coding standards, security protocols, and DevOps practices (Jira, GitLab CI, Docker).
- Increased team velocity by formulating a 12-month technology roadmap, aligning engineering output with business goals.

Education

University of AAB
- Software Engineering

Certifications

• Artificial Intelligence

• Machine Learning & Algorithm

• Big Data Analytics

• *PCAP* Certificate – OpenEDG & Python Institute

• Cisco Certified Instructor – Cisco NetAcad

• ICT & Digital Skills Training in Python

• Scientific Computing with Python

• JavaScript

• 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, LLMS

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

<u>Projects & Achievements</u>

- **BizperBiz** (Business-for-Business Collaboration Platform), Achieved full-cycle SaaS delivery by independently architecting, developing, and deploying a global collaboration platform, including cloud infrastructure, CI/CD, backend/frontend, and security, resulting in a fully functional client-ready solution trusted by an international partner.

- **Kosovo KSF Intelligence Department** Training, Achieved exclusive recognition as a civilian instructor by delivering AI and software training program–ms to the elite national intelligence unit, demonstrating highest levels of trust and technical credibility.

- *Solus* AI Personal Assistant – Powered by LLMs, Engineered and deployed a full-stack AI personal assistant using a conversational Large Language Model. **Key Skills:** LLMs, Semantic Search, NLP, Full-Stack Development (React, Python, Spark). (https://**enes-personal-assistant.netlify.app)**

- 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)