

Contact

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(LinkedIn)

Top Skills

Software Architecture

Generative AI

Artificial Intelligence (AI)

Languages

English (Professional Working)

Nikola Dakić

AI Solutions Architect | Your AI Growth Partner | AI/ML Architect |
Founder | Senior Python Developer | AI Engineer | MLOps | CEO |
CTO | AI Consultant

Subotica, Vojvodina, Serbia

Summary

CTO-Level AI/ML Architect | MSc in Software Engineering/AI

My expertise includes developing intelligent agents using Langchain, Langgraph, and Crew.ai, implementing RAG pipelines, creating efficient API backends, and building end-to-end ML systems, all while ensuring cost-effective solutions with AWS. I'm here to help you transform your processes and achieve remarkable efficiency.

Notable AI Projects

- AI-Enhanced Meeting Room Booking System – optimized coworking space utilization.
- Pencilo – AI Writing Assistant – built a content-generation tool powered by LLMs.
- Video Object Detection & Segmentation – Tracking of kayakers.
- Recommendation Engines – music & content recommendations (Spotify-style).
- Predictive Analytics – laptop price forecasting system.

Industry Experience

What I Offer

- AI/ML Product Development (from idea → production).
- MLOps & Cloud Infrastructure (AWS, Docker, CI/CD).
- CTO-level Technical Partnership for Startups.
- End-to-end AI integration with LangChain, OpenAI, AWS Bedrock, LlamaIndex, and more.
- My mission is not just to build your tools, but to be your AI growth partner.

Tech Stack

Languages & Frameworks: Python, Java, Spring, Django, Flask, FastAPI, TypeScript, Angular
Infrastructure & Databases: AWS, Docker, Postgres, MySQL, DynamoDB, Jenkins, ELK, Pinecone
AI/LLM Tools: LangChain, OpenAI, AWS Bedrock, LlamaIndex, Langgraph

Work Experience

- Sr. Software Engineer @ SugarCRM
- Sr. Software Engineer @ Brame
- Software Engineer @ Referrizer

Education

- MSc in Software Engineering, Intelligent Systems – University of Novi Sad, Serbia
- BSc in Software Engineering – University of Novi Sad, Serbia

Keywords: AI Engineer | Technical Co-Founder | MVP Development | AI-Native Products | Fractional CPTO | SaaS MVP Builder | Startup Tech Partner | Build AI Tools | Custom Chatbots | AI Product Strategy | Go-To-Market for Startups | AI-Powered SaaS | Lean MVP for Investors | AI for SMBs | Product-Market Fit with AI | Early-Stage Tech Leadership | CEO | CTO | AI consultant

Experience

Otterlab

Founder & CEO

July 2025 - Present (3 months)

Subotica, Vojvodina, Serbia

Otterlab is an AI-focused software development and consulting company that helps startups and small businesses turn AI from a buzzword into a business advantage.

Pencilo

Founder

June 2025 - July 2025 (2 months)

Subotica, Vojvodina, Serbia

As the founder and developer of Pencilo, I built an AI-powered Chrome extension that enhances writing experience by providing grammar checking, paraphrasing, and translation features.

SugarCRM

Senior Software Engineer

January 2021 - June 2025 (4 years 6 months)

San Francisco, California, United States

Contributed to the SugarCRM AI Team. Mostly worked as MLOps Engineer.

Responsibilities:

- Build and maintain ML Pipeline/GAI APIs, using Java, Spring Boot, Python, Docker, and AWS Cloud.
- Experience with AWS services, such as EC2, S3, RDS, ECS, APIG, Step Functions, Lambda, DynamoDB, PostgreSQL, SQS, SNS
- Work on integration of GAI (LLM) capabilities
- Work closely with the Data Science team to put ML models into production
- Work closely with the Data Science team to make sure high code quality and best practices are followed
- Improving and maintaining existing services by adding libraries for static code analysis and test coverage check
- Improving code quality and performance of existing services by refactoring and optimizing code
- Implementing ETL pipeline e2e
- Setting up Localstack for easier local development
- Wrote unit tests for existing services
- Do code reviews and technical interviews

Brame (Branded Game)

Software Engineer

July 2020 - December 2020 (6 months)

Zurich, Switzerland

Responsibilities:

- Chose the appropriate technology stack and designed the architecture of the gamification platform.
- Set up and maintained CI/CD pipelines using Jenkins and GitHub Actions
- Worked on frontend application using Angular
- Worked on backend applications using Java, Spring, Docker, AWS Services, Jenkins and PostgreSQL

Referrizer LLC

Software Engineer

June 2018 - June 2020 (2 years 1 month)

Miami, Florida, United States

Responsibilities:

- Worked on business logic and backend services using Java, Spring, Python, Docker, AWS Services, Jenkins and PostgreSQL
- Improved CI/CD pipelines using Jenkins and AWS Services
- Set up tools for static code analysis, test coverage and monitoring
- Worked on frontend application using Angular

Education

Faculty of Technical Sciences, University of Novi Sad

Master's degree, Software Engineering and Information

Technologies · (2020 - 2022)

Faculty of Technical Sciences, University of Novi Sad

Bachelor's degree, Software Engineering and Information

Technologies · (2013 - 2019)