

Artina Bektashi

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SOFTWARE ENGINEER

Software Engineer with experience designing and delivering enterprise-grade web applications, AI-powered solutions, and business process automation platforms across the full software development lifecycle. Strong full-stack background in Next.js, React, Node.js, NestJS, and TypeScript, with some hands-on experience in React Native, and proven experience integrating AI services, ERP systems, and Microsoft enterprise platforms. Skilled in designing scalable architectures, building CI/CD pipelines, containerizing applications with Docker, and implementing secure authentication with Microsoft Entra ID and Single Sign-On (SSO).

PROFESSIONAL EXPERIENCE

Software Engineer, Galvaswiss AG

November 2024 – Present

Hybrid

- Design and develop enterprise-grade internal applications used across multiple Swiss manufacturing sites, leading projects through the complete lifecycle, including business analysis, architecture, prototyping, implementation, testing, deployment, and maintenance.
- Build modern full-stack web applications with Next.js, React, TypeScript, Node.js, and NestJS, including Progressive Web Apps (PWA) and some React Native work, designing scalable backend architectures and REST APIs that support business-critical operations.
- Engineer AI-powered solutions, intelligent workflows, and automation systems that improve operational efficiency and reduce manual processes.
- Integrate Large Language Models (LLMs) and AI services into enterprise applications, and build AI prototypes, proofs-of-concept, and machine-learning integrations to evaluate innovative business solutions.
- Develop OCR-based document processing workflows and intelligent data-extraction systems.
- Design and maintain relational and non-relational databases using PostgreSQL, MySQL, SQL Server, and MongoDB.
- Implement secure authentication and authorization with Microsoft Entra ID, Single Sign-On (SSO), SAML, OAuth2, and JWT.
- Integrate applications with ERP systems and third-party enterprise platforms.
- Containerize applications with Docker and design/maintain CI/CD pipelines for automated testing, building, and deployment.
- Participate in infrastructure planning, release management, deployment strategy, and production support.
- Apply software-architecture principles such as modular and layered architectures, domain-driven design, and microservice-oriented approaches, while ensuring quality through code reviews, testing, and documentation.

Technologies: Next.js, React, React Native, TypeScript, JavaScript, Node.js, NestJS, Express.js, Strapi, shadcn/ui, PWA, PostgreSQL, MySQL, SQL Server, MongoDB, TypeORM, Docker, Nginx, Vercel, pnpm, Git/GitHub, Azure, Microsoft Entra ID, SAML, OAuth2, JWT, REST APIs, CI/CD, AI & LLM Integrations, OCR, ERP Integrations.

Full-Stack Developer, LifeTech IT Solutions

July 2023 – July 2024

Prishtina, Kosovo (Freelance)

- Worked as a freelance developer, designing the brand identity and website for a real estate platform tailored to the client's needs.
- Built a dynamic platform for the Swiss real estate market using Node.js, Express.js, and React, simplifying the process of listing and selling properties across Switzerland.
- Designed and implemented RESTful APIs and backend services, ensuring a user-friendly experience for both sellers and buyers.
- Owned the project end to end, from brand and UI design through development and deployment.

Software Engineer, Kutia L.L.C

April 2023 – October 2024

Prishtina, Kosovo

- Contributed to [Dare To Create](https://daretocreate.ai) (daretocreate.ai), an AI-powered application, working across both backend and frontend and implementing Stripe payment integration.
- Started with a back-end development internship, gaining hands-on experience with databases and APIs, then transitioned into a full-time Back-End Developer role focused on Node.js and NestJS.
- Delivered a project for the Norwegian Red Cross, migrating their data management from Excel to a dynamic application and integrating Bring's Nordic shipping and tracking API to optimize the ordering process.
- Actively engaged in the design, development, and maintenance of various real-world client projects.

TECHNICAL SKILLS

Languages

TypeScript, JavaScript, SQL

Frontend

Next.js, React, React Native, HTML5, CSS3, Tailwind CSS, shadcn/ui, Material UI, PWA

Cloud & DevOps

Docker, Nginx, Vercel, CI/CD, GitHub Actions, Azure, pnpm, Deployment Management

Auth & Security

Microsoft Entra ID, SSO, SAML, OAuth2, JWT

Backend

Node.js, NestJS, Express.js, Strapi, REST APIs, Stripe

Databases

PostgreSQL, MySQL, SQL Server, MongoDB, TypeORM

AI & Automation

LLM Applications, AI Integrations & Prototyping, OCR, Intelligent Document Processing, Workflow Automation

Architecture

Solution Architecture, System & Database Design, API Design, Enterprise Application Development, SDLC Management

EDUCATION

BSc in Computer Science and Engineering

University of Business and Technology (UBT)
Prishtina, Kosovo

LANGUAGES

Albanian (Native)

English (C1)

German (A2, in progress)

CERTIFICATIONS & TRAINING

- EF SET English Certificate (C1)
- Node.js Academy
- AWS Cloud Clubs Infrastructure Camp
- ICT & Digital Skills, Web Development Certification
- Erasmus+ Digital Skills & Online Media Program
- German Language Training (A2 Level Completed)