

Arkan ANABI

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Tatarani, Prahova, Romania

Summary

Accomplished Principal Application & Product Architect and Development Leader with a proven track record in guiding high-performance teams through complex, fast-paced, and multicultural projects. With extensive experience in software design, cloud migrations, microservices, and CI/CD implementation, I excel in aligning technical strategies with ambitious business goals. I use robust methodologies such as Agile, DDD, and ports & adapters to develop scalable and secure solutions, while mentoring teams to focus on innovation, self-organization, and continuous improvement. My rich expertise in stakeholder communication, risk management, and quality assurance allows me to deliver results across diverse technological landscapes.

Skills

Software Architecture & Design
Microservices
Domain-Driven Design (DDD)
Ports & Adapters / Clean Architecture
Continuous Integration / Continuous Delivery (CI/CD)
NATS, Kafka, RabbitMQ
Kubernetes & Containerization
Cloud & Infrastructure
Data Engineering & Databases
Monitoring & Security

Engineering & Team Leadership
Coaching, Mentoring & Team Facilitation
Stakeholder Engagement & Influencing
Project & Product Management
Software Development Life Cycle (SDLC)
Agile, Scrum, Kanban, Lean, XP
Atlassian Jira & Confluence
Data Analytics & Critical Thinking
Problem Solving & Cost-Benefit Analysis
Languages: Arabic, Romanian, English

Professional Experience

Co-Founder & CTO

07.2025 - Present

HOREXA, Romania

As Co-Founder and CTO of Horexa, I have been responsible for defining and building the company's technology foundation from the ground up, combining technical leadership, product thinking, and hands-on engineering.

- Co-founded Horexa and defined the company's technical vision and engineering direction.
- Designed the backend architecture and established the platform foundation from the ground up.
- Selected the core technology stack across backend, infrastructure, storage, messaging, security, and internal tooling.
- Worked hands-on on backend development, including APIs, core business flows, integrations, and service design.
- Contributed to the Angular-based Horexa backoffice for internal operations and administrative workflows.
- Led technical decisions across deployment, observability, service communication, and platform reliability.
- Translated product and business requirements into scalable, maintainable, extensible solutions while balancing strategic leadership with direct implementation.

Solutions Architect

05.2025 - 05.2026

TREMEND SOFTWARE CONSULTING, Bucharest, Romania

- Identified business and stakeholder requirements and designed complete solutions based on them.
- Defined high-level solution architectures, components, technology choices, and component interactions.
- Evaluated frameworks, platforms, and technology stacks while balancing third-party risk, architectural concerns, and business strategy.
- Reviewed existing solution architectures and recommended improvements.
- Collaborated with clients, product managers, and developers to envision and prototype models and designs, including interactions with potential customers.
- Supported estimation and impact analysis and drove accurate development estimates.
- Anticipated scalability, maintainability, and security issues; synchronized with development leads and other architects, mentored teams, and helped maintain unified development standards.

Principal Application & Product Architect

05.2024 - 02.2025

WOLTERS KLUWER - FINANCIAL SERVICES SOLUTIONS, Cluj, Romania

Wolters Kluwer is a global leader in information services and solutions for professionals in finance, tax and accounting, risk and compliance, health, and legal sectors.

- Ensured compatibility and integration of new products and services with existing architecture.
- Led technical planning sessions and aligned technical strategy with organizational goals.
- Drove testing, validation, optimization, and adherence to organizational standards and industry best practices.
- Identified and addressed complex architectural and integration challenges and communicated strategic design updates to stakeholders.
- Provided expert guidance and mentorship and collaborated with Security, Architecture, and DevSecOps Centers of Excellence.
- Drove best practices for nonfunctional requirements and architecture processes including Architecture Reviews, Technical Debt, and Architecture Decision Records.
- Created and mentored a team to improve and evolve the product, defined short-, mid-, and long-term strategy, and created a branching-model POC for project releases.

Technologies & Tools: Java, Jakarta EE, GitHub, Oracle DB, SQL Server, Apache Ignite, Microsoft Azure, Kubernetes, TeamCity

Software Architect / Java Developer SALT BANK, Bucharest, Romania <i>Salt Bank, under Banca Transilvania Group, is the first Romanian neobank.</i> - Designed the banking investment solution at High Level Design using microservices architecture and CQRS. - Implemented the banking investments design using microservices, CQRS, and the outbox pattern. - Made high-level design choices and used DDD to solve complex business requirements. - Applied ports and adapters architecture and microservices. - Created the local development environment based on DevSpace. Technologies & Tools: Java Spring Boot 3, WebFlux, reactive programming, AWS EKS, DocumentDB (MongoDB), RDS (PostgreSQL)	11.2023 - 05.2024
Software Architect / Java Developer SALT BANK, Bucharest, Romania Worked as Software Architect / Java Developer.	07.2023 - 11.2023
Software Architect / Developer DIGITAL M.O.B., Bucharest, Romania <i>Digital M.O.B. offers software development services.</i> - Made high-level design choices and used DDD to solve complex business requirements. - Designed and developed microservices. - Used Continuous Integration / Continuous Delivery. - Worked with messaging systems, container orchestration, and service mesh technologies. Technologies & Tools: Python, PHP, MySQL, MongoDB, Node.js, Redis, RabbitMQ, Elasticsearch, Kafka, Kubernetes, gRPC, Flutter SDK	06.2020 - 07.2023
CTO / Developer - Migration (short project) PATHWAY, Remote <i>Worked as CTO for a short-term migration project.</i> - Migrated the remaining code from Azure to AWS. - Created the CI/CD pipeline. - Migrated code from ASP.NET to Python. - Built the requested features and brought the website to production.	08.2022 - 10.2022
Software Architect CONSENSYS, Romania <i>Consensys is a blockchain software company working at the forefront of the decentralized web.</i> - Developed and managed the Breaker app for renting movies and music using blockchain technology. - Mentored the team. Technologies & Tools: Node.js, Web3, React.js, PostgreSQL, DDD (Domain-Driven Design)	04.2019 - 06.2020
Freelance Software Developer FREELANCE SOFTWARE DEVELOPMENT, Remote Built different projects, web apps (frontend and backend), and mobile apps.	12.2018 - 04.2019
Team Leader NEXTDATING, Bucharest, Romania Coordinated a team in charge of building the animation app responsible for interacting with clients. Technologies & Tools: PHP, Elasticsearch, Java, Erlang, React.js, MySQL	08.2013 - 08.2018
Senior Web Developer FASHION DAYS SHOPPING, Romania <i>Fashion Days is a leading fashion retailer.</i> - Developed internal tools, including user management using LDAP. - Worked with an ERP built using Ext JS and PHP. Technologies & Tools: Ext JS, PHP, MySQL, LDAP, jQuery, jQuery UI, HTML, CSS	03.2012 - 08.2013
Web Developer GAMELOFT <i>Gameloft is a leading developer and publisher of mobile games.</i> Developed internal tools, including asset management. Technologies & Tools: PHP, MySQL, jQuery, jQuery UI, HTML, CSS	12.2010 - 03.2012
Web Developer WEB TAILORS, Bucharest, Romania <i>WebTailors is an agency that designs and implements websites.</i> - Designed and implemented websites from scratch. - Maintained existing websites.	05.2009 - 12.2010

Technologies & Tools: PHP, Zend Framework, WordPress, MySQL, jQuery, jQuery UI, HTML, CSS

Education

**Al-Rafidain University College, Bachelor's degree in
Computer Science**

1996 - 2000

Training and Certifications

- Build Responsive Real-World Websites with HTML and CSS
- Advanced CSS and Sass: Flexbox, Grid, Animations and More!
- Java Enterprise Edition 8 course
- x86 Assembly Language Programming from Ground Up
- x86 64-bit Assembly Language: Step-by-Step Tutorial
- Global Banking Regulations: A Practical Approach on BASEL
- Rocking System Design
- Software Architecture Case Studies
- Modern Redis Unleashed
- Django 4 and Python Full-Stack Developer Masterclass
- Java Virtual Threads & Concurrency Masterclass [Hands-On]
- NGINX Fundamentals: High Performance Servers from Scratch
- Learn DevOps: The Complete Kubernetes Course
- HELM - Package Manager for Kubernetes Complete Master Course
- C Programming - Master the C Language
- Linux System Programming Techniques & Concepts
- Linux RAID & LVM Management
- Analytics Engineering Bootcamp
- Event Driven Architecture - The Complete Guide