Arbër Kryeziu

Software & Integration Engineer · I make systems talk to each other, and now to AI.

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Over ten years of building and connecting software in healthcare and fintech. Since 2024, data integration at XXXLDigital in Vienna, with AI agents in the loop: orchestration, harness systems, AI-assisted code review.

WHAT I DO

AI agent orchestration and harness systems · AI-assisted code review · Data integration and validation · Mobile and web apps, end to end · Test automation and CI · Regulated domains: healthcare and fintech

EXPERIENCE

Software Engineer, Data Integration · XXXLDigital, Vienna — 02/2024 – present

- Integrating systems that speak different data formats: mapping, validation and delivery.
- Designing AI agent orchestration and harness systems, and using AI in code review.

Mobile Engineer · Rain Technologies Inc., California, USA, remote — 06/2022 – 08/2023

- Helped move the mobile app to a micro-frontend architecture, so 12+ mobile developers in a 160+ engineering team could ship independently.
- Led mobile and web work on the cash-out flow, repayment rates and in-app statements.
- Improved the mobile pipeline: code reviews, test automation, release management, developer tooling, monitoring and analytics.

Full Stack Developer (Mobile) · SIEGELE Software, Vienna, hybrid — 06/2019 – 05/2022

- Architected and built a white-label healthcare app to digitalize patient interactions and engagement.
- Built the data pipeline: storage, monitoring, validation and analytics, plus self-hosted OTA updates and universal links.
- Wrote a native iOS and Android module to read health cards over NFC, enabling paper-free registration and check-in.
- Worked with healthcare and research institutions to run Parkinson's and COVID research studies through the app.

Full Stack Developer · SIEGELE Software, Vienna, onsite — 05/2015 – 05/2019

- Revamped the end-to-end test infrastructure across platforms with real-time dashboards, Jenkins integration and Slack and email notifications, cutting bug resolution time significantly.
- Built dashboards for remote monitoring and troubleshooting of server machines.
- Implemented communication between healthcare and radiology systems over standard protocols and websockets.
- Wrote CLIs for developers and QA to automate development and testing tasks.

Software developer, IT consulting, sales · Freelance — until 2014

- Java desktop applications for construction and healthcare, including device integration.
- Websites, network infrastructure and IT support for small businesses.

EDUCATION

Master's studies, Software Engineering & Internet Computing — 2014–2016
TU Wien (Vienna University of Technology)

BSc, Software & Information Engineering — 2014
TU Wien (Vienna University of Technology)

LANGUAGES

Albanian (native) · English (C2) · German (C1)

TECHNOLOGIES I HAVE SHIPPED WITH

TypeScript · JavaScript · Java · React · React Native · Node.js · Swift · Kotlin · PostgreSQL · Oracle · Docker · Jenkins · Selenium · Jest · Bitrise · AWS

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