DIANA MATKAVA

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PROFESSIONAL SUMMARY

Hi, I'm Diana, a mid-level Software Developer based in Berlin. I'm a results-oriented developer and mentor with a proven track record in backend architecture, performance tuning, and test-driven delivery. Known for strategic problem-solving, cross-functional collaboration, and fostering high-performing teams, I thrive on building reliable, user-focused solutions and helping others grow.

PROFESSIONAL EXPERIENCE

Fintiba   **Frankfurt, HE, Germany**
Software Developer (Mid)   *January 2023 - Present*
- Fintiba is a leading fintech platform for international students' banking and payments.
- Current Account & Payment Gateway: End-to-end ownership of all backend tasks for Current Account products and a high-throughput payment gateway; integrated with GNC, external banking providers, and card centers.
- DevOps & CI/CD: Designed and maintained GitLab CI/CD and Docker pipelines; investigated container vulnerabilities and integrated SAST scanning with KICS.
- Code Quality & Testing: Led large-scale refactoring and wrote pytest unit/integration tests—achieving 96% coverage and significantly reducing production defects.
- Authentication & Security: Built and refactored authentication flows from scratch—JWT, biometric, SSO, and HMAC—to ensure robust, secure user verification.
- Cross-Functional Collaboration: Partnered with product managers, QA, UX/UI designers, frontend engineers, and security teams to define requirements, align on compliance, and deliver user-centric solutions.
- Architecture & Troubleshooting: Actively participate in architecture reviews, perform in-depth root-cause investigations, and propose scalable optimizations.
- Performance Optimization: Continuously profiled and tuned application performance—identified slow endpoints via Sentry, unearthed inefficient SQL with Silk and code hotspots with a profiler—accelerating critical flows by 2–3×.

Freelance   **California, USA**
Software Developer   *January 2024 - May 2025*
- End-to-End Corporate Websites: Built several corporate sites from "zero to hero"—branding (logo & design), Next.js/React implementation, Sanity CMS integration, deployment, SEO & Google Analytics setup, and ongoing optimization.
- Real-Time Data Scraper & Notifications: Engineered a high-performance Python scraper with multiprocessing for near-real-time data delivery; integrated Telegram bot frontend for in-app notifications.
- E-commerce Telegram Bot: Developed a Telegram-based storefront supporting Binance crypto and PayPal payment flows, enabling seamless in-chat purchasing.

HARDSKILLS   **Berlin, Germany**
Data Analyst & Software Developer   *January 2022 - December 2023*
- B2B soft-skills training provider partnering with SAP, TATA Tele, PwC, and more.
- Data Analysis & Insights: Leveraged Pandas to analyze customer usage patterns and inform product improvements.
- Automated Reporting: Built JS/TypeScript + Highcharts.js pipelines to auto-generate User Score reports—cutting manual effort by ~80%.
- Report Delivery: Architected scalable distribution workflows to ensure timely, reliable delivery of analytics to stakeholders.
- Performance Optimization: Tuned SQL queries and boosted database response times 2× using Django Debug Toolbar and Silk.

RockLab   **Kharkiv, Ukraine**
Software Developer   *March 2021 - April 2022*
- RockLab is outsourced development partner delivering custom web solutions.
- Optimized Django Admin: Built custom CTA buttons, pages and styles to streamline back-office workflows.
- Data & Insights: Designed and launched an analytics dashboard for real-time operational visibility.
- Logistics Service: Developed end-to-end vehicle, tour and customer-management backend.
- API & Notifications: Engineered a GraphQL API and implemented web push notifications for instant updates.
- Payment Integration: Configured 2Checkout gateway, crafted subscription plans, and defined cancellation/migration policies.

SKILLS

- **Backend:** Python, FastAPI, Django, Flask, SQL, MySQL, Postgres, Redis, Celery, RabbitMQ, Pydantic, MyPy, pytest, unittest, Selenium, Data Analysis, Pandas, sklearn
- **Frontend:** Next.js, React.js, JS, TS, Tailwind CSS, Bootstrap, SEO, Sentry, HTML/CSS, Figma
- **DevOps:** AWS, GitLab CI/CD, Docker, Versel, Digital Ocean
- **Soft Skills:** Empathetic, Mentor, Self-motivated, Effective professional communicator, Collaborative
- **Languages:** German, Russian, Ukrainian, Georgian, English

EDUCATION

KhNADU Computer Science
Bachelor's, Computer Science

V.N. Karazin Kharkiv National University   **September 2017 - March 2022**
Bachelor's, Economics

CERTIFICATIONS

- **Ultimate AWS Certified Solutions Architect Associate (SAA-C03)**, Udemy — Oct 12, 2024. View Certificate
- **CS50: Introduction to Computer Science (91/100)**, HarvardX (edX) — May 2025. View Certificate
- **JavaScript for Beginners (92/100)**, Stepik — Apr 27, 2022. View Certificate
- **Python Programming (100/100)**, Stepik (Bioinformatics Institute) — Apr 17, 2021. View Certificate
- **EF SET Certificate in English (C1 Advanced, 63/100)**, EF Standard English Test — Nov 03, 2022. View Certificate

and more...