



# Fariol Blondeau NZIODZIAMI

Software Engineer

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## SUMMARY

Software Engineer with 4+ years of experience building scalable, secure, and maintainable web applications for fintech, government, and business platforms. Strong expertise in TypeScript, React, Next.js, Node.js, and modern backend architectures using NestJS, tRPC, Drizzle ORM, and PostgreSQL. Proven ability to design clean, production-ready systems, optimize performance, and deliver reliable solutions end-to-end. Experienced in fast-paced teams, contributing to system design decisions and shipping features with a focus on user experience, security, and long-term maintainability.

## EXPERIENCE

### Frontend Software Engineer

10/2024 - Present

MaouenePay

Led the frontend development of a secure international payment platform, delivering a responsive, user-friendly web interface used for cross-border money transfers and digital payments.

Designed and implemented admin portals and operational dashboards to enable efficient monitoring of transactions, users, and platform activity.

Translated complex fintech requirements into scalable, maintainable UI architectures, improving usability and reducing operational friction for internal teams.

Collaborated closely with product and backend teams to ensure reliable, secure, and performant user flows across the platform.

### Software Engineer

04/2024 - Present

Akieni ↗

Developed and delivered custom digital solutions for government and private-sector clients, contributing to high-impact public platforms.

Participated in system design and architectural decisions to ensure scalability, security, and performance.

Worked closely with stakeholders to implement solutions that improved operational efficiency and service delivery.

### Mentor for the Academy

04/2025 - 06/2025

Akieni Academy ↗

Mentored academy members on software development projects, fostering skill growth and ensuring high-quality deliverables.

Conducted code reviews, troubleshooting, and provided guidance on best practices, resulting in improved project completion rates and stronger team collaboration.

Supported members in achieving measurable improvements in coding efficiency, design quality, and workflow productivity.

### FullStack Software Engineer

09/2024 - 01/2025

RoyalLife Hub ↗

Collaborated with the client to analyze requirements and develop a reward-based digital marketing platform that connects users and tracks successful referrals.

Designed and implemented a monolithic architecture using Next.js and tRPC, ensuring seamless frontend-backend communication and maintainable code.

Deployed the platform on Vercel, leveraging its infrastructure for optimized performance, monitoring, and analytics.

## Web Integration Engineer

03/2021 - 09/2023

Involta ↗

Web Integration Engineer (Part-time) at Involta, responsible for converting Figma designs into responsive websites and landing pages using vanilla HTML and CSS. Delivered pixel-perfect, cross-browser interfaces while collaborating closely with designers and maintaining strong time management alongside academic studies.

## EDUCATION

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### Mathematics and Computer Science

09/2019 - 06/2023

Ivanovo State University | Russia - Bachelor's degree

Bachelor's degree in Mathematics and Computer Science, with a strong foundation in object-oriented programming (C++, Java), data analysis using Python, and advanced algorithms. Final-year project focused on the study and resolution of Gröbner bases, applied to solving polynomial systems and computational algebra.

## CERTIFICATES

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### Qdrant Essentials ↗

02/2026 - Present

Qdrant

Certified in vector search technology with hands-on experience applying Qdrant for efficient similarity search and recommendation systems.

Completed certification exams based on official Qdrant documentation and courses, demonstrating practical knowledge of vector storage, indexing, and retrieval.

### Supervised Machine Learning: Regression and Classification ↗

03/2025 - Present

Stanford University | online

Completed a certification in Supervised Machine Learning, developing Python-based models for prediction and classification using NumPy and scikit-learn.

Applied regression techniques to analyze data and derive actionable insights.

### Enterprise UI Development: Testing & Code Quality ↗

12/2024 - Present

Frontend Masters

Developed expertise in unit testing, continuous integration, and code quality enforcement for large-scale UI projects.

Gained hands-on experience with Vitest, GitHub Actions, ESLint, Husky & Lint-Staged, as well as component and accessibility testing using Axe.

## SKILLS

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Spring Boot	Intermediate	NodeJs	Expert
Python	Advanced	React Native	Advanced
TypeScript	Expert	System Design	Advanced
NextJs	Expert	Agile Methodology	Advanced

## LANGUAGES

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English	Intermediate	French	Native
Russian	Fluent		