

# Erion Ademi

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[Website](#)

Software Developer

## PROFESSIONAL SUMMARY

Software Developer with over 3 years of experience in full-stack development, specializing in the .NET ecosystem. Expert in building scalable backend architectures and high-performance APIs while maintaining proficiency in modern frontend frameworks. Strong track record of optimizing database performance and implementing distributed systems to handle high concurrency.

## TECHNICAL SKILLS

- **Backend & Languages:** C#, .NET /Core, Python, ASP.NET Core, EF Core.
- **Frontend Development:** React.js, Next.js, JavaScript, TypeScript, Tailwind CSS.
- **Databases & Caching:** PostgreSQL, MS SQL Server, Redis, Data Modeling.
- **DevOps & Tools:** Docker, CI/CD, Linux, Cloudflare, Traefik, Git, RabbitMQ.
- **Architecture:** Clean Architecture, CQRS, RESTful APIs, SOLID Principles, Microservices.

## WORK EXPERIENCE

### Software Developer

Aug 2025 to Present

*Sonnix*

- Engineered a high-concurrency ticket selling backend using .NET Core and Redis to manage 1000+ simultaneous purchase requests.
- Developed a robust queueing system to ensure data consistency and prevent race conditions during peak traffic events.
- Implemented CQRS patterns to separate read and write concerns, improving system scalability and response times.
- Designed secure API endpoints and background services to automate ticket validation and payment processing.

### Software Developer

May 2024 to March 2026

*Quantix L.L.C*

- Build and maintain enterprise-grade web applications using React for the frontend and C# .NET for the backend services.
- Reduced database query response times by 40 percent through advanced SQL optimization, indexing, and strategic Redis caching.
- Architected RESTful APIs to support complex business logic and integrated third-party services for data synchronization.
- Orchestrated deployment workflows using Docker and containerization to ensure consistency across development and production.

### Software Developer (Freelance)

Oct 2019 to Present

*Self Employed*

- Deliver end-to-end software solutions for diverse clients, focusing on automated workflows and customized CRM platforms.
- Developed interactive React dashboards to visualize large datasets processed by custom-built .NET backend engines.
- Consult on system architecture and database design to help small businesses scale their digital operations efficiently.

## KEY PROJECT

### EddyAI Web Platform

[View on GitHub](#)

- Developed a generative AI image application with a Next.js frontend and a high-performance .NET Core backend.
- Managed asynchronous task processing and API integrations to handle intensive machine learning workloads without performance lag.

## EDUCATION

### BS in Computer Information & Technologies

Expected: May 2026

*Rochester Institute of Technology (RIT Kosovo)*

- **GPA: 3.82 / 4.00** | Dean's List (7 Semesters)
- **Relevant Coursework:** Database Management, Software Engineering, Algorithms, Web Development.