

Kim Fom

Innopolis, Russia

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Objective

Enthusiastic software engineering graduate student with a strong foundation in backend development and a passion for designing scalable, efficient, and reliable systems. Seeking an internship to apply my expertise in modern backend technologies while contributing to impactful projects and further developing industry knowledge.

Skills

- **Programming:** C#, Python, TypeScript, JavaScript
 - **Backend Development:** ASP.NET Core, FastAPI, REST API, Entity Framework Core, LINQ
 - **Databases:** PostgreSQL, SQLite, SQL Server
 - **Tools & Frameworks:** RabbitMQ, Redis, Docker, GitHub Actions
 - **Testing & QA:** Unit Testing (xUnit), Integration Testing
 - **Soft Skills:** Team Collaboration, Problem-Solving, Communication, Mentorship
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Education

Innopolis University, Russia

M.Sc. Software Engineering
2023–2025

Voronezh State University, Russia

B.Sc. Mathematics and Computer Science
2019–2023

Work Experience

Frontend Intern (React)

MTS Labs

2024

- Developed a scalable platform for order creation and execution in a team of 3.
- Leveraged React, TypeScript, and TailwindCSS to enhance the user experience and optimize functionality for mobile and desktop users.
- Integrated Yandex Maps for dynamic location-based services.

Fullstack Intern (C# + React)

Commonwealth Bank

2023

- Integrated new features into C#-based systems, improving system efficiency by 15%.
- Developed React/Redux web components, adding functionality and enhancing user experience.
- Ensured code reliability with comprehensive unit tests using xUnit and .NET frameworks.

Open Source Contributions

The C# Academy (<https://www.thesharpaceademy.com>)

2023–Present

- Improved website performance by 50% using C#, .NET 8, and Blazor.
 - Translated 8 website pages into Russian, expanding global accessibility.
 - Mentored over 45 students, enhancing their programming skills and debugging proficiency.
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Key Projects

Ravin API (<https://ravinapi.space>)

- Built a developer-friendly email API platform providing high-performance HTTP endpoints for email management.
- Utilized C#, ASP.NET Core, PostgreSQL, RabbitMQ, Redis, and Docker to create scalable backend architecture.
- Streamlined email delivery for businesses, reducing processing time by 20%.

URL Shortener API (<https://github.com/kimfom01/UrlShortenerApi>)

- Designed a web API for URL shortening and management with C#, ASP.NET Core, and PostgreSQL.
- Optimized caching with Redis, improving response times for frequently accessed URLs.

Imagizer (<https://github.com/kimfom01/Imagizer>)

- Created an API for efficient image resizing and format conversion, integrating Azure Blob Storage for persistence.
 - Reduced image processing latency by 30% using Dockerized deployments and third-party integrations.
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Achievements

- Achieved a 50% performance improvement on a global educational platform through open-source contributions.
 - Mentored 45+ students in C# and .NET, fostering skill development and professional growth.
 - Successfully delivered scalable solutions in internships, enhancing system performance and user satisfaction by over 15%.
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Additional Links

- GitHub Portfolio: github.com/kimfom01
- LinkedIn Profile: [linkedin.com/in/kim-fom](https://www.linkedin.com/in/kim-fom)