

# Maksim Pikovskiy

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## Professional Summary

**Full-Stack Software Engineer** with over 3 years of experience delivering end-to-end product features, designing scalable APIs, and collaborating in iterative development environments. Strong foundation in both UI implementation and backend architecture.

## Work Experience

### Founding Engineer

January 2024 – Present

*Spotlight Creators*

Rochester, NY

- Built and deployed a production platform for artist communities using Next.js, Python (psycopg), and PostgreSQL.
- Migrated backend to AWS serverless architecture (Lambda + API Gateway + Aurora), improving scalability and lowering hosting costs by 90%.
- Implemented secure authentication and authorization flows using AWS Cognito and Amplify, and developed REST APIs supporting user content publishing and social interactions.
- Architected data models and optimized query performance to support scalable content retrieval.
- Collaborated with designers and content leads to translate workflow requirements into system features.
- Mentored another engineer on backend development workflows, including AWS Lambda routing, PostgreSQL schema changes, and debugging distributed application logic.

### Research Assistant

November 2024 – June 2025

*Borough of Manhattan Community College*

New York, NY

- Led frontend and backend integration for an AI-powered web tool with React + Python APIs.
- Guided students in software design workflows, code structuring, and deployment practices.
- Coordinated UI/UX design translation from Figma prototypes into responsive components.

### Software Engineer

August 2024 – December 2024

*Ambiance Style*

New York, NY

- Engineered a cross-continental desktop application using .NET MAUI and PostgreSQL, enabling seamless communication between NYC office and international factories for real-time product quotes and order management.
- Implemented elaborate caching system and forward updating mechanism, reducing data fetch times from 15s to 3s and improving application responsiveness by 80% for users.
- Maintained and enhanced company website, showcasing product portfolio and driving client acquisition through improved digital presence.

### Software Engineer

January 2023 – August 2023

*Rochester Institute of Technology*

Rochester, NY

- Built a responsive frontend using React.js and a scalable backend with .NET Core for a website analyzing manufacturing data, improving CAD designer efficiency by 30%.
- Researched and integrated a custom business rule engine, streamlining the storage and processing of optimization rules and improving decision-making speed by 15%.
- Designed and modeled data flow architecture to streamline system operations, addressing possible future bottlenecks.
- Authored technical documentation for developers, reducing onboarding time by 50% and improving system understanding across future teams.

## Skills

**Languages:** Python, C#, JavaScript, TypeScript, Java, SQL

**Frameworks:** .NET Core, Express.js, Flask, FastAPI, Django, Vue.js, React.js, Next.js, Apache Spark

**Cloud / DevOps:** AWS (Lambda, API Gateway, Cognito, Amplify, Aurora, S3), Vercel, Render, Docker, CI/CD

**Databases:** PostgreSQL, MySQL, SQLite, MongoDB

**Tools:** Git, REST, Jira, Figma, Supabase, Visual Studio Code

## Education

### Rochester Institute of Technology

December 2024

*Bachelor of Science in Computer Science, Minor in Entrepreneurship*

Rochester, NY

- Achieved Dean's List distinction for all 12 semesters (2020-2024)
- GPA: 3.89/4.00