

Junior Software Developer

REST API | Python | Analytical

- **Adaptable** and motivated Software Engineering - AI student with hands-on experience in **Java, Python, REST API, SQL**, and applying the **SDLC** to deliver reliable well-documented projects
- Actively developing expertise in **Spring Boot, system security and cloud technologies**
- **Strong collaborator**, experienced in leading and contributing to projects in Agile/Scrum environments, ensuring effective coordination and successful delivery in cross-functional teams
- **Active leader**, Chair of the Engineering Club, guiding projects from planning to delivery
- Skilled at **communicating** technical solutions to both technical and non-technical audiences

Technical Skills

Programming:	Java, Python, Async Python, JavaScript, C#, SQL
Frameworks & Libraries:	FastAPI, Flask, Django REST Framework (DRF), Django, Pydantic SQLAlchemy, Alembic, Pandas, NumPy, Aiogoogle, React, Node.js, Angular, TensorFlow, PyTorch, scikit-learn, matplotlib, web scraping
Development Tools:	Git, Docker, Nginx, Jupyter Notebooks, Copilot
Cloud Computing:	CI/CD, Microservices, Service-Oriented Architecture (SOA), AWS, Azure
Testing:	Pytest, FactoryBoy
Databases/Search:	PostgreSQL, MongoDB, Redis, Elasticsearch, Oracle, SQLite
Other:	Visio, VS Code, Windows, Linux, Unix, Excel, PowerPoint, Jira, Outlook

Projects

Web Recipe Assistant | [GitHub](#) - Python, Django REST Framework, React, Docker, CI/CD

- Built a recipe-sharing web app with user authentication, role-based access, and shopping list generation
- Automated CI/CD pipeline including linting, Docker builds, remote deployment, and Telegram notifications
- Containerized backend and frontend services for easier deployment and maintainability

Microservices-Based Streaming Platform | [GitHub](#) - Python, FastAPI, PostgreSQL, Redis, Elasticsearch, Docker

- Designed a scalable, modular platform simulating Netflix/YouTube architecture with asynchronous APIs for smooth client experience
- Built a recommendation system service integrating user interactions and movie data to deliver personalized suggestions
- Developed ETL pipelines with Elasticsearch indexing and Redis caching to optimize data retrieval and search performance

Telegram Bot for Design Students (Collaborative Project) | [GitHub](#) - Python, aiogram, PostgreSQL, Redis, Celery, Grafana

- Co-developed a microservices-based Telegram bot system for student collaboration, feedback, and complaints
- Implemented task scheduling with Celery/Redis and webhook support with Ngrok
- Designed relational data models for student profiles, pair matching, and dynamic rating logic, and implemented monitoring with Grafana dashboards to improve engagement and system transparency

Liza Semenova

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2.5D Action Game (Collaborative University Project) - C#, Unity

- Implemented core gameplay mechanics including character movement, combat system, and enemy interaction
- Designed and integrated health, damage, and death systems to provide balanced player experience and smooth gameplay
- Developed enemy AI with detection, chase, and attack behavior, enabling dynamic player-enemy interactions
- Collaborated with classmates on game design and debugging, using version control for coordination and code reviews

Education

Software Engineering - Artificial Intelligence

Sept. 2024 - Present

Centennial College, Toronto, Canada

- Key courses: Java Programming | C# Programming | Web Interface Development | Software Requirements | Database Concepts (SQL) | Client-Side Web Development

Bachelor of Computer Science

Sept. 2022 - August 2024

National Research Nuclear University, Moscow, Russia

- Key courses: C Programming | C++ Programming

Extracurricular Activities

Chair of Software Engineering Department

Present

Engineering Club, Centennial College, Toronto, Canada

- Led event planning within the department, coordinating logistics, promotion, and execution
- Collaborated with faculty and industry contacts to secure speakers, sponsors, and networking opportunities

Team Leader/ Team Coordinator

March 2023

Python Bootcamp, Moscow, Russia

- Facilitated teamwork by distributing tasks, organizing meetups, and tracking deadlines
- Acted as main contact point with reviewer, communicated feedback to the team
- Managed Git repository setup and project submission process

Professional Development

Machine Learning Specialization | Coursera (Online)

In Progress

Python Pro Course | Yandex Practicum (Online) | [Certificate](#)

May 2024

Work Experience

Prep Cook/Dishwasher

Oct. 2024 - Present

Deloitte, Sodexo, Toronto, Canada

- Thrived in a fast-paced, team-oriented environment, building adaptability, collaboration, and time management skills
- Applied strong attention to detail and problem-solving to maintain high standards under pressure