

# Sviatoslav Skorobohatov

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## Summary

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A remarkable individual with a brilliant mind capable of solving complex challenges across various domains. A talented programmer who possesses the unique ability to craft creative and innovative solutions. A master of multitasking, proficiently managing multiple projects simultaneously, and driving them to successful completion.

## Skills

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Javascript, Typescript, Python, Django, Golang, FastAPI, Docker, HTML, CSS, GIT, Linux, GitHub, GitLab, Unix Administration, Redis, Celery, SQL, NoSQL, SQLite, MySQL, PostgreSQL, JIRA, Fiber, English, Algorithm Design, MATLAB, Mathematics, REST, Time management

## Experience

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**Tangram Ltd. | (Online), Toronto**

**Software Developer | 02/2022 - Present**

Started as a web frontend developer in an outsourcing role, delivering projects for various clients, primarily focusing on HTML, CSS, and React. Additionally, gained experience with React Native.

Transitioned to a Python Developer role in the fall, where I developed APIs using FastAPI and Django. In this capacity, I operated as a collaborative team member, contributing as a secondary developer.

**Odesa Polytechnic National University | Odesa**

**Teacher | 09/2021 - Present**

Instruct programming courses at a university-affiliated school, specializing in C++, web development, and Python.

**Diskaunts | Chornomorsk**

**Front End Developer (Contract) | 05/2020 - 12/2021**

Served as a lead frontend developer responsible for the end-to-end development of an e-commerce web application tailored for the challenges posed by the COVID-19 pandemic. The project utilized technologies such as React, JavaScript, TypeScript, and Webpack. Proficient in tackling complex issues and ensuring seamless user interface logic within the web application.

## Education

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**Odesa Polytechnic National University | Odesa**

**Automated and computer-integrated control systems | 07/2024**

- Study of circuit design and hardware programming in C / C++ / FBD.
- Studying advanced mathematics, statistics and data science.
- Electrical Engineering and Computer Systems Studies

**Project Work:**

-Data Collection and Processing in Eye Tracking

**Odesa Polytechnic National University | Odesa**

**Automated and computer-integrated control systems. | 07/2022**

- Study of circuit design and hardware programming in C / C++ / C# / Java / FBD.
- Studying advanced mathematics, boolean mathematics, and data science.
- Electrical Engineering and Computer Systems Studies

**Project Work:**

-*Design and Deployment of an Autonomous Energy System Control and Metrics:*

-*System architecture development*

-*Software implementation*

-*Performance evaluation and optimization*

## Projects

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- In 2018, I spearheaded the development of a document management and generation system for Odessa Polytechnic University, utilizing C# and Postgres.
- Concurrently in 2019, I engineered a billing and receipt generation solution for a municipal enterprise.
- During 2020, I meticulously crafted an elevator control system using Function Block Diagram (FBD) methodology.
- In 2022, I successfully completed my diploma project, demonstrating my expertise in designing an autonomous robot control system (autopilot) for operation in an unknown environment.
- Presently, in 2023, I am actively contributing as a Data Analyst for a promising startup, leveraging my Python skills to drive data-driven insights and decisions.

## Technologies in Use

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### Frontend Development:

- Proficient in JavaScript (JS) and TypeScript (TS).
- Experienced in building interactive user interfaces using React, Redux, and React Native.

### Backend Development:

- Skilled in Python programming.
- Proficient in web framework development using Django and FastAPI.

### Database Management:

- Experienced in working with various databases, including PostgreSQL, MySQL, and SQLite.

### DevOps & Containerization:

- Familiar with Docker for containerization.
- Experienced in task scheduling with Celery.
- Utilize Redis for caching and messaging.
- Proficient in setting up and managing LAMP (Linux, Apache, MySQL, PHP or Python) and NGINX server configurations.

### Additional Skills:

- Proficient in version control with Git.
- Comfortable working in Unix-based environments.

This comprehensive list of technologies reflects my expertise in frontend and backend development, database management, DevOps practices, server setup and management using LAMP and NGINX, version control, and Unix-based operating systems.

## Achievements and Research Experience:

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- Actively contributed to two significant research projects, showcasing expertise in data analysis, data manipulation, and the development of mathematical models.
- Presented research findings at a prestigious scientific conference, demonstrating strong communication and presentation skills.
- Proficient in data processing, employing various techniques and tools to extract valuable insights from complex datasets.
- Experienced in developing mathematical models to solve real-world problems, enhancing problem-solving abilities.
- Skilled in C++ programming, with a focus on creating efficient and robust software solutions.

These achievements highlight my active involvement in research, including contributions to multiple projects, presentations at scientific conferences, expertise in data analysis and modeling, and proficiency in C++ development.

## Hobbies

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- Music: I have a knack for playing multiple instruments, including the piano, guitar, and drums.
- Board Games: I take delight in board games like Dune, Terraforming Mars, Munchkin, and Carcassonne.
- Reading: I'm an avid reader, with a particular interest in books related to programming.
- Video Games: I find pleasure in gaming, particularly titles like The Witcher, Skyrim, Civilization, and Cossacks.