

# PIOTR SZARAN

Email: [szaranpiotr@gmail.com](mailto:szaranpiotr@gmail.com), GitHub: <https://github.com/iPior>, Website: <https://piotrszaran.com>

Client-focused Full Stack Developer specializing in React. Proven ability to develop RESTful APIs, integrate AI functionalities, and collaborate directly with clients to deliver high-quality software solutions.

## TECHNICAL SKILLS

### Languages

Python, HTML5, CSS3, JavaScript (ES6+), TypeScript

### Frontend Development

**Styling:** Tailwind CSS, Responsive & Mobile-First Design

**Frameworks/Libraries:** React, Next.js

### Backend Development

**APIs & Auth:** RESTful APIs, OAuth 2.0, JWT

**Databases:** PostgreSQL, Supabase, Prisma ORM

**Frameworks/Libraries:** Node.js, Express, Flask

**Headless CMS:** Sanity.io, Payload CMS

### DevOps, Platforms & Tooling

**Platforms:** Vercel, Linux

**Cloud:** (Familiar With) AWS (EC2, S3)

**Build Tools:** Vite

**Version Control:** Git

## EDUCATION

### University of Toronto, *Honours Bachelor of Science*

- Statistics Major, Mathematics and Computer Science Minors

#### Relevant Coursework:

- Software Tools and Systems Programs (C)
- Software Design (Java)
- Programming on the Web (HTML, CSS, JavaScript, Django)
- Data Structures and Analysis
- Introduction to Databases (PostgreSQL)
- Algorithm Design and Analysis
- Introduction to Statistical Learning
- Applied Statistical Modelling & Categorical Data Analysis

## FREELANCE DEVELOPMENT

### Council of Support for Polish Studies at the University of Toronto (Next.js, TypeScript, Tailwind CSS, Sanity CMS, i18n)

<https://www.polishstudiesuoft.org/en>

- Led the end-to-end development of a fully responsive, multilingual website for a non-profit council, overseeing the entire lifecycle from scope definition through deployment and client handover

## WORK EXPERIENCE

### Regional Systems Officer

Judicial Information Technology Office, Ministry of the Attorney General, May 2025 – Present

- Providing IT support for the Ontario Court of Justice, Ontario Superior Court of Justice, and Ontario Court of Appeal

### Administrative Coordinator with the Business Solutions, Operations & IT Unit

Animal Welfare Services, Ministry of the Solicitor General, January 2023 – Present

- Led the rollout of an asset management system (Hector), managing implementation, user acceptance training (UAT), and development of training materials to support adoption.
- Developed Python scripts to automate data migration and inventory management, reducing errors and improving team productivity.
- Migrated over 6000 assets from Excel to the new management platform.
- Oversaw the portfolio of over 800 unique IT assets and deliver direct IT support to over 140 frontline inspectors.

## PERSONAL PROJECTS

### SpotiDash (Next.js, NextAuth, TypeScript, Tailwind CSS)

<https://github.com/iPior/nextjs-spotify-dashboard>

- A dynamic dashboard allowing users to log in with their Spotify account and view personalized Spotify statistics.

### AI TicTacToe (React, Express.js, JavaScript, Tailwind CSS)

<https://github.com/iPior/react-tictactoe-game>

- Full-stack interactive Tic-Tac-Toe game with AI integration, allowing users to play against an intelligent opponent.

### Weekly Planner (HTML, CSS, JavaScript)

<https://ipior.github.io/teams-calendar/>

- A re-creation of Microsoft's Teams calendar feature. Meetings can be added, edited, deleted and color coded for every week in the calendar year.