

PETRU TÎRLĂ

Full-Stack Developer

[in LinkedIn](#) | [+40 729 607 814](#) | [✉ petru.tirla@gmail.com](mailto:petru.tirla@gmail.com) | [GitHub](#)

Skills

- HTML | CSS | JavaScript | TypeScript | PostgreSQL | MySQL | NoSQL | Node.js | Express | GraphQL | React | Next.js | Redux | MobX | Git
- Websockets | Azure | CI/CD | Jest | Unit Testing | OOP | Stripe
- Frontend | Backend | Full-Stack | English – *All professional proficiency or above.*

Experience

Founder - Full-Stack Developer ZEPHYR Web Studios *Remote, Romania* **01/2023 - Present**

- Creating Software for customers and consulting them to solve their business problems.
- Developed **AiFrontDesk**, a Full-Stack AI call center solution with 1.5 sec response latency, using **OpenAI API**, **React.js**, **Next.js**, and **Node.js**. Integrated **Twilio** for voice communication, **Stripe** for payments, and **WebSocket** for real-time updates. Features multi-tenant architecture supporting concurrent calls across multiple organizations, user management, and business-specific knowledge base integration. Streamlines operations through AI-driven interactions and real-time data management.
- Developed 5+ modern **WordPress & Webflow** websites, implemented e-commerce solutions for clients, and successfully maintained over 10+ Web applications.

Software Engineer ASSIST Software *Suceava, SV, RO* **08/2022 - Present**

- Collaborated with 10+ teams to develop enterprise applications for E-Commerce, CRM, and Project Management, using the latest technologies such as **React.js**, **Next.js**, and **Node**.
- Enhanced E-Commerce performance from 30% to 80% by implementing features with **Next.js** and **Styled Components**.
- Refactored and managed the HR platform, updating from **React 16** to **React 18** and the latest dependencies. Implemented new business Features using **TypeScript**, **Redux Thunk**, and **Styled Components**.
- Built and maintained a component library using StoryBook, which is utilized across 5+ separate projects by different teams, ensuring consistent design and functionality.
- Led troubleshooting efforts, resolving over 300+ bugs and issues throughout the production lifecycle, ensuring the stability and reliability of applications.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, unit/integration testing.

Software Engineer, Intern Pentalog *Remote, Romania* **04/2022 - 07/2022**

- Designed and implemented a Full-Stack Admin Dashboard using **HTML**, **CSS**, **JavaScript**, **Firebase** and **Node**, with functionalities such as viewing orders, customers, and employees in data tables, visualizing data through charts, and using a built-in calendar and kanban.

Data Analyst, Intern BTPProvider *Bucharest, Romania* **10/2021 - 01/2022**

- Managed client data using **SQL**, **Vertica**, **DBeaver**, and **Microsoft SQL**, and designed Tableau data solutions.

Education

Bachelor of Science University "Stefan cel Mare" *Suceava, SV, RO* **10/2020 - 07/2024**

- Major in Computer Engineering

Projects

- **JOBIFY**: Application for freelancer-client collaboration **React**, **Next.js** and **PostgreSQL**, including job posting, applications, client communication, invoicing, and project management.
- **AUTO-Tinder**: A **Python**-based Tinder bot that learns user preferences and automates profile swiping based on those patterns.

Mentorship

- **Computer Science Tutor**: Programming | Data Structure and Algorithms | career advice

Others

- **Marketing Officer**: Created Social Media Posts - from design in Canva to text creation and training the new volunteers
- **Fundraising** for youth association events (Bootcamps, Public Speaking Events)

Reference

- **Ovidiu Andrei Schipor** - Associate Professor of Computer Science at "Ștefan cel Mare" University, Suceava
Phone: +40 744 757 911 Email: ovidiu.schipor@usm.ro