



Sergei Piloyan

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Home: (Bulgaria)

ABOUT MYSELF

Passionate and dedicated Full Stack Developer with a holistic understanding of web development, merging extensive back-end expertise with a flair for creating intuitive and responsive user interfaces.

WORK EXPERIENCE

FULL-STACK DEVELOPER

Smartico.ai [03/2022 – Current]

Country: Bulgaria

Developed a monitoring application to track system performance and user behavior across the Smartico platform, ensuring real-time insights for decision-making and improving system uptime by 20%.

Technologies used: Express, TypeScript, Postgres, AWS, MySQL.

- Designed intuitive dashboards that empowered teams to monitor key metrics and respond to incidents more efficiently.

Collaborated on the affiliate system, enhancing Smartico's CRM and gamification features by integrating affiliate tracking tools and optimizing lead generation workflows.

- Built and maintained backend services to manage affiliate campaigns, boosting user acquisition and retention through seamless integration with marketing tools.
- Technologies used: React, TypeScript, ApexCharts, Axios, React-Query, Material UI, React Hook Form, React-Router, AWS, REST APIs.

Key Contributions:

- Increased platform reliability and performance through automated monitoring.
- Enhanced player engagement and retention by integrating affiliate systems with gamification features, which contributed to a 25% boost in user session durations.
- Improved system scalability by refactoring codebase and optimizing database queries, reducing load times by 15%.

BACK-END DEVELOPER

Freelance [11/2021 – 03/2022]

• Developed of server-side applications using Express. • Utilization of AWS services. • Established controllers for handling client requests. • Interaction with the database (Postgres) creating tables and adding fields. • Implementation of user authentication and authorization mechanisms.

Used: Node.js / Express, TypeScript, Postgres, AWS.

FRONT-END DEVELOPER

Freelance [07/2021 – 11/2021]

• Created and developed user interface React components. • Applied styles to components using CSS and Material UI. • Used states and hooks for managing dynamic data within components. • Integrated routing using React Router.

Used: React, JavaScript, Material UI, React-Router, CSS, Axios, Redux, hooks.

EDUCATION AND TRAINING

EPAI - SCHOOL BUSINESS ARTISANAL AND INDUSTRIAL

[2022 – 2023]

Website: fr.ch/epai

KHARKIV NATIONAL UNIVERSITY OF ECONOMICS

[2018 – 2022]

Website: hneu.edu.ua/en/

BACK-END DEVELOPER

[03/2022 – 06/2022]

- Self-study of Node.js, Express, NestJS.
 - Studied and mastered Postgres database.
 - Developed my own projects where I practiced my knowledge.
- Used:** open source, books, documentation.

FRONT-END DEVELOPER

[12/2021 – 03/2022]

- Self-study of JavaScript, HTML, CSS.
 - Created of test sites.
- Used:** open sources, books, documentation, courses.

COURSE "REACT.JS WAY OF SAMURAI"

[11/2021 – 03/2022]

- Developed my own social network under the mentorship of an experienced developer: • Fundamental study of React: components, states, lifecycle, hooks.
- Deep learned of JavaScript and introduction to TypeScript.
 - Utilized auxiliary React libraries: Redux, Material UI, Router, Hook-Form.
 - Sent server requests using Axios.
 - Created and handled forms for user data input.

LANGUAGE SKILLS

Mother tongue(s): Russian | Ukrainian

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Armenian

LISTENING C2 **READING** C2 **WRITING** C2

SPOKEN PRODUCTION C2 **SPOKEN INTERACTION** C2

French

LISTENING B1 **READING** B1 **WRITING** B1

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user