

Petro Borshchahivskyi

[LinkedIn](#) • [\(725\) 322-6311](tel:(725)322-6311) • job@Borsh.me • [GitHub](#) • [Portfolio](#) • Las Vegas, NV

System Architect / Front-end Expert

Accomplished Full Stack Engineer with 15+ years of comprehensive experience, specializing in designing and developing flexible, scalable, and intuitive solutions. Expert in optimizing complex systems and enhancing usability. Successfully led 5 high-performing teams, providing mentorship to engineers. 103 diverse projects in portfolio. Strong analytical skills and quick adaptation to new domains and technologies. Proficient in R&D, and adept at launching startups and new projects.

Key Skills

- Main development toolset: **JavaScript, TypeScript, Angular, React, Node.js, MySQL, MongoDB**
- **Problem Solving:** Expert in identifying and resolving complex technical issues
- **Leadership:** Skilled in team leadership, people management, and mentoring
- **Solution Architecture:** Experienced in application architecture design, creating flexible and scalable solutions
- **AI Solutions:** Experienced in developing libraries and projects with AI API, focused on advanced automation
- **Process Optimization:** Focused on reducing complexities and automating routine tasks to boost productivity
- **UI/UX Insight:** Proficient in intuitive design and collaborative development for optimal user experience

Other technologies and tools: OpenAI API, ChatGPT, LLM, Next.js, Perl, Express, Axios, PostgreSQL, Mantine, Git, MobX, RxJS, Jira, Figma, Scss, AG-Grid, Tailwind, KendoUI, Jest, HTML, CSS, Storybook, Webpack, Canvas, Highcharts, Bootstrap, Material UI, ESLint, Qt, C++, Mojolicious, Docker, Oracle, Karma, Jasmine, jQuery, NgRx, Redux, Playwright, Python, REST, JSON-RPC

Professional Experience

System Architect
Station Casinos

11/2024 – present
Las Vegas, NV, US

Architecting the modernization of high-complexity legacy systems, leveraging scalable and future-proof technologies

Principal Frontend Engineer
SoftRange › Guardrail

09/2024 – 11/2024
Las Vegas, NV, US

Engineered a short-term pilot AI R&D management platform that enabled researchers to systematically propose project concepts and evaluate them through peer review and scoring at every stage, from concept to deployment

- Accelerated new page development by 70% by establishing architectural principles and an ecosystem of reusable, customizable front-end components, ensuring a consistent and scalable UI framework
- Reduced architecture complexity by 40% by implementing a dynamic component injection mechanism, allowing each part of the application to be fully self-contained while retaining design flexibility

Technologies: React, TypeScript, NestJS, PostgreSQL, Docker, Mantine, Figma

Principal Software Developer
Luxoft › Comet

03/2023 – 04/2024
Krakow, Poland

Developed a state-of-the-art internal contract management system for Glencore, the world's largest commodity trading and mining company, significantly enhancing operational efficiency and compliance

- Reduced development time by 60% by refactoring the service architecture and fixing the data flow within the application
- Saved our team approximately 200 man-days annually by implementation of a custom mock-generator and server tailored for a micro-service backend architecture using Node.js, OpenAPI, and Webpack
- Automated 95% of manual data model typing by developing utility types for Angular form type casting

Technologies: Angular 16, TypeScript, KendoUI, Jest, JavaScript, Storybook, Node.js, Figma

Lead Full Stack Engineer
Freelance › Melone CMS

10/2022 – 03/2023
Krakow, Poland

Implemented a Notion-like CMS using Next.js, featuring dynamic role-based access and the ability for static generation of dynamically added public pages on the fly

- Achieved dynamic page serving with static page speed by reworking the incoming request processing mechanism

- Achieved real-time updates for static public pages without redeployment of a whole Next.js application through modification of ISR revalidation mechanism

Technologies: React, Next.js, TypeScript, MongoDB, Node.js, Mantine, JavaScript

Lead Software Engineer

EPAM › MigVisor

12/2021 – 10/2022

Kyiv, Ukraine

Engineered a SaaS solution for cloud migration assessments, providing companies with insights and cost estimates for migrating databases to the cloud (e.g., AWS, Google Cloud), helping to reduce migration complexities and risks

- Reduced time for integrating new databases from 4 months to 1 week by designing a new application architecture and reengineering data flow
- Boosted component development speed by 80% and reduced bug count by engineering a scalable, reusable, and well-documented UI component ecosystem using Angular, Storybook, Figma, and Confluence
- Revitalized the motivation of a team of 7 burned-out front-end developers by clarifying architecture and roadmap, balancing workloads, preventing overload, and assigning tasks based on individual strengths. As a result, my team was the only one that met the project deadline
- Achieved an easy and intuitive user experience by extensively contributing to UI design, working closely with the product owner, and leading a team of 3 designers

Technologies: Angular 13, TypeScript, Figma, Storybook, JavaScript, Node.js, Jest, Material UI, Jira, Confluence

Frontend Team Lead

Luxoft › PPT

04/2016 – 12/2021

Kyiv, Ukraine

Engineered a framework to auto-generate and deploy fully-functional project prototypes across multiple tech stacks from tiny YAML inputs, drastically accelerating initial development phases and significantly reducing project expenses

- Reduced costs by eliminating 2 months of work for a 5-person team by automating prototype generation and setup
- Developed the «Magic Button» project that covers 70% of clients' proof of concept implementation by using Angular Schematics and Webpack scripts
- Achieved 100% of project deadlines by orchestrating rapid development within the 5-member R&D team I led
- Multiplied client projects' flexibility and customization 9x by architecting a framework specifically to enable the selection of any combination of Angular, React, plain JavaScript, and Bootstrap, Material UI, or native CSS

Technologies: JavaScript, TypeScript, Angular 8/9, Material UI, Webpack, React, Bootstrap, Jira, MobX, GraphQL

Selected Own Projects

[planbor](#) — combination of e-ink hardware and a web-based management system, designed to customize and display diverse data streams from third-party sources across multiple devices, focusing on power efficiency and usability

[ai.likso.com](#) — platform for interactive AI chats, enabling scenario-driven conversations with dynamic context adjustments

[chat-scenario](#) — npm library for parsing scenarios, compiling AI requests, and managing conversation history

[api-mid-mock](#) — highly adaptable middleware to seamless API call interception and data mocking with 7.5+k downloads

Volunteer Experience

Project Founder and Manager

New Year Postcard '23 for the Ukrainian Army

10/2022 – 01/2023

Launched and managed a volunteer project to send [1400 New Year's cards](#), each with unique children's wishes, to Ukrainian soldiers, collaborating with artists and overcoming logistical challenges to support troop morale on the front lines

Lead Full Stack Engineer

Educational Support Fundraising project «Kot»

04/2015 – 09/2015

Developed and managed a site for four years, helping donors support a poor, fatherless student earn a master's degree

Education

Master of Science in Computer Science

GPA: 4.0 / 4.0

National Technical University of Ukraine «Kyiv Polytechnic Institute»

Department of System Design