



Domen Urh

Senior Frontend Engineer

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github.com/gsicvj

Senior Frontend Engineer with 10+ years of experience building performance-critical React applications for complex, high-traffic systems. Recently focused on LLMs and MCP into modular automation tools, balancing performance, infrastructure constraints, and developer experience.

Work experience

Senior Frontend Engineer

Bunny.net, Oct 2022 - Feb 2025

Improved and stabilized a high-traffic Gatsby/React platform with significant legacy technical debt while continuing feature delivery. Refactored mixed SSR and React logic into a maintainable component architecture, migrated a discontinued CMS with deeply nested structures, standardized styling, and reduced build times from 15 to 4 minutes. Increased runtime performance by 45% by optimizing GraphQL queries and eliminating unnecessary re-renders.

Senior Frontend Engineer

Sportradar, Mar 2018 – Sep 2021

Contributed to development of a React betting platform serving 100K+ users, focusing on performance-critical bet slip workflows handling near-real-time updates. Reduced UI latency by 110% by improving Redux event handling and memoizing high-frequency components under complex configuration rules.

Frontend / Full-Stack Developer

Freelance, Nov 2015 – Aug 2025

Designed and built small web applications and CMS systems end-to-end using JavaScript, PHP, and MySQL. Implemented role-based authentication (OAuth2), custom APIs, and WYSIWYG editing workflows with preview/state validation, while designing database schemas and handling production deployment independently. Integrated third-party APIs and built functional prototypes, including subscription and ordering flows used to support client funding initiatives.

Education & Learning

Bachelor's in Computer Science

Faculty of Computer and Information Science, University of Ljubljana, 2011-2014

Skills

Frontend: React, Next.js, TypeScript, Redux, Gatsby

Backend: PHP, MySQL, MongoDB

APIs & Architecture: REST APIs, GraphQL, Static Site Generation (SSG), modular architecture

Testing & Delivery: CI/CD, Webpack, Git, Jest, React Testing Library

AI & Automation: Large Language Models (LLMs), Model Context Protocol (MCP), agent development, automation tooling

Practices: performance optimization, state management, Agile

AI & Automation Projects

Built a TypeScript host application and LLM agents with tool calling via MCP architecture. Developed a custom remote storage MCP server with validated tool schemas, and implemented local (Ollama) and remote (Vercel AI SDK) agents. Evaluated token usage and tool-scaling limits to support developer file-management workflows.

Open Source Contributions

Terminal based agent and host app

github.com/gsicvj/uplink

Push notifications for agentic workflows

github.com/gsicvj/pwa-captcha