

Stefan Pavlović

contact@stefan.in.rs | stefan.in.rs | github.com/stef2098 | www.linkedin.com/in/spvlc

Education

University of Belgrade - Faculty of Mathematics
B.Sc. Computer Science, GPA: 9.18/10.00

Belgrade, Serbia
2025 - 2029 (Expected)

Računarska gimnazija
IT Program, GPA: 5.00/5.00

Belgrade, Serbia
2021 - 2025

Technical Skills

Languages: C++, JavaScript, Python, C#

Frameworks & Technologies: React, React Native, Node.js, Git, Linux, PostgreSQL, Nginx

Projects

Slagalica *React, Node.js* slagalica.stefan.in.rs

- Developed and deployed a web application containing five games inspired by the Serbian TV quiz show *Slagalica*, supporting both single-player and multiplayer gameplay.
- Built the front end with React and the back end with Node.js, with socket-based real-time communication for multiplayer sessions.
- Implemented custom answer-verification logic for the individual games, including handling game-specific rules and player input.

SeeGraph *Interactive Graph Algorithm Visualizer* seegraph.stefan.in.rs

- Built an interactive graph editor that allows users to create arbitrary graphs by adding vertices and edges.
- Implemented visualizations for Dijkstra's, Floyd-Warshall, Prim's, and Kruskal's algorithms.
- Added step-by-step explanations to help users understand how each algorithm progresses and modifies the graph state.

Experience & Activities

Student Union of Mathematicians (SUM)
IT Team Member

Belgrade, Serbia
May 2026 - Present

Awards & Competitions

MTS App konkurs - Winning Team	2025
MTS App konkurs - Participant	2024
Regionalni App izazov - Participant	2025