

STAN ANDREI

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Education

POLITEHNICA University of Bucharest

Oct 2022 - Jul 2026

Third Year - Bachelor's Degree, Computer Science

- Relevant courses: **Data Structures & Algorithms, Operating Systems, Numerical Methods, Probabilities & Statistics, Object Oriented Programming, Algorithm Analysis.**

Work Experience

Full Stack Developer @ IT Department for the League of Students

Jan 2024 - Present

sso.lsacbucuresti.ro

- Implemented a complete **Single Sign On** service using **ASP.NET Core** according to the **OpenID and OAuth2** specifications.
- Lead a team of **3 people** in frontend development, managing to complete all pages in 2 weeks and **delivering on time.**
- Created **documentation** and an integration handbook for over **14 public events and 6 internal applications.**

Team Lead @ Infrastructure Team for the League of Students

Sep 2023 - Present

- Lead a team of **7 people** in managing the infrastructure for over **20 web applications.**
- Introduced separate deployment environments for **staging and production**, greatly **improving the development experience** for over **40 people.**
- Reduced **server costs and resource usage** by optimizing our deployment workflows, **saving ~2GB of memory.**

STEP Intern @ Google

Jul 2023 - Sep 2023

- Developed a chat bot in **Java** that improves the on-call rotation system, **reducing** the time-to-action by **instantly** providing alerts about rotation changes, filled issues and performance regressions.
- Integrated internal services by writing **Protobuffers** and using **RPC (Remote Procedure Calls).**
- Took advantage of design opportunities by writing **design documents, analyzing trade-offs** between different solutions.
- Applied **TDD (Test Driven Design)** practices by writing flexible tests and mocking interactions with external services.

Frontend Developer @ Faculty of Automatic Control and Computers

Sep 2022 - Jul 2023

optimize.research-technology.ro

- Developed the **presentation layer** of an **EU-funded project** aimed at optimizing the productivity of users by providing smart **recommendations based on AI algorithms.**
- Built a **responsive dashboard** using **Vue, Bootstrap and Apache ECharts** where users can track their productivity based on KPIs and receive feedback.
- Documented functionalities and critical user journeys and took advantage of design opportunities.

Projects & Activities

BlazorJS

Jun 2023 - Present

github.com/Grizzlly/Grizzlly.BlazorJS

- Developed a **compiler extension** for the **MSBuild** build system that enables developers to use **React and Vue components with Blazor**, combining the power of C# and JavaScript.
- Empowered the utilization of over **10,000 JavaScript UI libraries** within the **.NET ecosystem**, substantially **expanding developers' alternatives.**

Programming Languages & Technologies

Good: C/C++, C#, JavaScript, Java

Novice: R, SQL

Technologies: Blazor, ASP.NET Core, WebAssembly, SQL Server, Azure, Google Maps API, RPC, Vue, React