

STEFAN VRANJEŠ

Software Engineer

Banja Luka, Bosnia and Herzegovina

E-mail: stefan.vranjes995@outlook.com

[LinkedIn](#)

+387 65 331 962

SUMMARY

I started my journey at **Planet Soft** as an intern, where I quickly transitioned into a full-stack developer working with Python and jQuery. After two years, I specialized in **frontend development**, focusing on JavaScript and React to build modern, interactive applications. In 2023, I was promoted to **Frontend Team Lead**, where I now lead a team of 10 developers, including the mobile team working with **React Native**.

I am passionate about **mentoring and team collaboration**, creating an environment where innovation thrives.

As a person, I am hardworking, reliable, and always eager to help others grow. I value strong relationships, a positive team spirit, and problem-solving with a creative mindset. My goal is to not only develop great software but also build a team that supports and inspires each other.

TECHNICAL SKILLS

- **Frontend Development:** HTML, CSS, JavaScript, Bootstrap 4/5, Ant Design, Tailwind, Sass, Responsive Design, Figma
- **JavaScript Frameworks & Libraries:** React (Hooks), React Native, NextJS, Redux, React Router, jQuery, TypeScript, React Hook Form, TanStack, Axios
- **Mapping & Visualization:** Mapbox, OpenLayers, Cesium 3D, WebGL, LiDAR rendering, Potree.js
- **Backend & APIs:** Python, Django, REST API, JSON, AJAX, JWT, GeoServer
- **Architecture & Code Quality:**
Component-based architecture (Atomic Design), scalable frontend patterns, performance optimization (code splitting, lazy loading, SSR), reusable custom hooks
- **Testing & QA:**
Unit & Integration Testing (Jest, React Testing Library)
- **Development Tools:** Vite, NPM, Yarn
- **Version Control & Collaboration:** GitLab, GitHub, Docker, Jira, Redmine, Odoo, Husky
- **Operating Systems:** Windows, macOS

- **Methodologies:** Agile (Scrum, Kanban)
 - **Team Leadership & Collaboration:**
Mentoring, code review practices, sprint planning, onboarding new team members, stakeholder communication
-

LEADERSHIP HIGHLIGHTS

- Leading a cross-functional team of 10 frontend and mobile developers across multiple GIS and SaaS projects
 - Standardized frontend architecture across projects (folder structure, reusable components, shared logic)
 - Initiated adoption of modern tools (Vite, TanStack, Redux Toolkit) and transitioned projects from legacy tech stacks (jQuery, class-based React)
 - Conducting code reviews, mentoring juniors, and organizing internal knowledge-sharing sessions
 - Working closely with designers, backend teams, and QA to ensure high-quality and scalable software
-

PROFESSIONAL EXPERIENCE

Planet Soft | Banja Luka

Software Engineer (December 2017 – Present)

Frontend Team Lead (October 2023 – Present)

SaaSer & GaaS

- GaaS (GIS as a Service) – A GIS solution with spatial analysis tools, dynamic forms, and models, similar to ArcGIS.
- Data Support – Import/export of data via SHP files, enabling visualization and analysis directly on the map.
- Interactive Features – Advanced tools for mapping, drawing, searching, filtering, and customized geodetic operations.
- SaaSer – A SaaS platform with integrated payment, allowing users to access GIS tools through a subscription model.

EMS LiDAR

- Developed a **frontend interface** for managing LiDAR data visualization.
- Integrated **Mapbox** for mapping, combined with **Potree.js** for rendering LiDAR point clouds.
- Built interactive charts and dashboards for environmental data analysis.
- Implemented photo integration with geospatial tagging.

Via Planet (Web GIS, Multiple Projects)

- Full-stack development of new modules using **Python, Django, PostgreSQL, HTML, CSS, JavaScript, and jQuery**.
- Migrated development environments from virtual to local machines using **Docker**.
- Employed **Scrum methodologies** for project management.

Smart Waste Management (IoT)

- Led frontend development using **React Hooks, Redux, HTML, CSS, and Bootstrap 4**.
- Defined web app layout, set up the development environment, and contributed to **UX/UI design**.

Beogradske Elektrane and Srbija Šume (Web GIS Solution)

- Designed and developed dynamic forms, tables, and JWT authentication.
- Utilized React Hooks, Redux Toolkit, React Router DOM v6, Bootstrap 5, Cesium 3D, and Mapbox.

RAK – Regulatorna Agencija za Komunikacije (Web GIS Solution)

- Created **dynamic forms, tables, and nested routes** for the web app.
- Technologies: React Hooks, Redux Toolkit, React Router, Bootstrap 5, React Hook Form

Fluxer (Dynamic Street Light Web Application with IoT)

- Developed and designed dynamic forms, tables, and authentication features.
- Implemented using React Hooks, Redux Toolkit, React Router, Ant Design, and React Hook Form.

EDUCATION

Pan-European University “APEIRON” | Banja Luka
Bachelor’s Degree in Information Technology Engineering (2014-2018)

PROFESSIONAL DEVELOPMENT

Conferences:

- Script’19, Linz, Austria
- WeAreDevelopers, Berlin, Germany (2022)
- React Summit & JavaScript Conference, Amsterdam (2023)

Courses:

- Advanced and Object-Oriented JavaScript (ES6)
 - React – Complete Guide
 - Bootstrap Responsive Web Design
 - Advanced React and Redux
 - Frontend Master – Web Security (Steve Kinney)
 - UX/UI Design (October and December 2020)
-

ADDITIONAL TRAINING

- **“Moja praksa”** | USAID & ICBL (June 2015)
 - **Team Work & Project Management** | ICBL (May 2015)
 - **HTML, CSS, Bootstrap 4, Responsive Design** | Info ARS (August 2019)
-