

# SORIN LUPĂSTEAN

## SOFTWARE ENGINEER

NodeJS, React, TypeScript

## PROFILE

As a Computer Science student passionate about software development, I enjoy building modern web applications and backend systems using Java, NodeJS, and SQL. I'm eager to apply my skills in a collaborative environment, contribute to meaningful projects, and continue learning from real-world development challenges.

## EXPERIENCE

### AI & Automation Intern | Econfaire Immersive Design

September 2025, Suceava

- Integrated virtual **AI agents** into immersive and architectural design workflows.
- Developed and automated processes using **n8n** to extract meaningful data from architectural blueprints.
- Designed and implemented AI workflows to support automation and data analysis.
- Strengthened skills in Machine Learning, automation, and AI pipeline design, combining creativity with technical problem-solving.

### Tech Trainer & Assistant Instructor | Impact A&C Botoșani

October 2024 - Present | On-site

- Taught programming fundamentals using **Scratch**, **MIT App Inventor**, and **Python**.
- Mentored students in **app development** projects.
- Designed and delivered coding sessions focused on hands-on learning.
- Helped students build small **applications** and understand **key programming concepts**.

### Maintenance Engineering Intern | Rossman România - Romacarton&Ambro

July 2025, Suceava | On-site

- Assisted the maintenance team with inspections and minor machinery repairs.
- Learned the setup and operation of paper production line equipment.
- Collaborated with technicians and engineers to identify and resolve mechanical issues.
- Followed plant safety protocols and maintenance procedures.



## CONTACT

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## Web Developer - Internship | C&A Connect

December 2024 - March 2025, Botoșani | On-site

- Developed and customized websites using **Java Script**, **WordPress**, **OpenCart**, **HTML**, and **CSS**.
- Improved site structure, layout, and content management through CMS platforms.
- Applied front-end techniques to optimize usability and design consistency.
- Built three production websites:
  - **Decorevenimente** – Event planning and decoration website focused on clean design.
  - **IMC Health** – Online nutrition platform offering a seamless user experience.
  - **Agriflora** – E-commerce site for agricultural products built with OpenCart.

## PROJECTS

### Team Finder | Assist Tech Challenge

March 2024

**Overview:** A platform that helps managers match developers to projects based on skills and project needs.

**Role:** Team Leader & Back-End Developer

**Contributions:**

- Led a 4-member team, coordinating development tasks and code integration.
- Built the **backend API** using **Node.js** and **TypeScript**, ensuring stable data flow between modules.
- Designed and implemented database schemas and REST endpoints for project and team management.
- Assisted teammates in frontend development and UI/UX design decisions.
- Repository:** [github.com/Y-Force-USV/team-finder-backend](https://github.com/Y-Force-USV/team-finder-backend)

### Intelligent Forms | Assist Tech Challenge

March 2023

**Overview:** A web application that extracts personal information from uploaded documents and provides structured data outputs.

**Role:** Team Leader & Front-End Developer

**Contributions:**

- Built the web interface using **React** and integrated form management logic.
- Implemented a Rich Text Editor and search functionality for document processing.
- Focused on usability and data extraction accuracy.

## AWARDS

### H3 Hackathon - 1st Place

May 2023

**Overview:** A 24-hour hackathon project focused on improving digital workflows in healthcare. The winning app, **MedFile**, digitalizes nursing documentation inside hospitals.

**Role:** UI/UX Developer

**Contributions:**

- Designed and prototyped the user interface in **Figma**, ensuring clarity and accessibility.
- Collaborated with a team of 4 students to develop the functional prototype.
- Focused on intuitive layout design and seamless document digitization flow.

## SKILLS

- Backend:** Java, NestJS, TypeScript, PostgreSQL
- Frontend:** React, Vite, TypeScript, CSS, HTML
- Agile Development:** Jira, Confluence
- Version Control:** Git, GitHub
- Languages:** English (fluent), Romanian (native)

## EDUCATION

### Bachelor of Computer Science

University "Ștefan cel Mare" of Suceava

October 2022 - Present

### Economics

Technical College - Rădăuți

September 2018 - 2022