

Stoia Andreas-Robert

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About

- Full-stack software engineer with 5+ years of experience building scalable, product-focused web applications for global audiences.
- Deeply passionate about the **React ecosystem**, modern frontend architecture, and crafting user experiences that genuinely improve people's lives.
- Committed to clean, maintainable code, **comprehensive testing**, and **streamlined CI/CD pipelines** that keep teams shipping with confidence.

Skills

- JavaScript | TypeScript | React | NextJS | Remix | ReactRouter | NodeJS | NestJS | Express | Tailwind | HTML | Git
- Jest | Vitest | Playwright | Karate | Unit Testing | Integration Testing | E2E Testing | CI/CD | PostgreSQL | Docker
- Full-Stack | Frontend | Backend | Cloud Computing | Supabase | Railway | OOP | Agile | i18n | English, Romanian – *Professional and native*

Experience

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| Software Engineer | <u>Cognizant</u> | <i>Timisoara, Romania</i> 04/2024 – Present |
| <ul style="list-style-type: none">• Researched and presented Remix best practices to the engineering team, elevating codebase standards and guiding the team's technical direction.• Architected internationalization (i18n) support, enabling the application to serve users across 100+ countries and languages.• Drove end-to-end testing research and led its implementation, raising application reliability and defect detection across the product.• Actively shaped project architecture and UX decisions through cross-functional collaboration, contributing to both product and technical strategy.• Regularly demonstrated new features to clients, iterating based on feedback to continuously improve user experience and satisfaction.• Maintained and enhanced CI/CD pipelines via GitHub Actions, encompassing pull requests, code reviews, and automated unit testing.• Proactively refactored the codebase to align with the latest industry best practices and modern development standards.• Worked with JavaScript, TypeScript, Remix, ReactRouter, Tailwind, GitHub Actions. | | |
| Software Engineer | <u>SabalTech</u> | <i>Remote – USA</i> 07/2021 – 04/2024 |
| <ul style="list-style-type: none">• Increased test coverage by 65% by independently designing and implementing comprehensive unit and integration test suites from scratch.• Drove improvements to CI/CD pipeline automation, significantly streamlining deployment processes and reducing release overhead.• Led the testing discipline across the team, establishing quality standards and mentoring colleagues to foster a quality-first engineering culture.• Bridged frontend and backend by actively contributing to NestJS/Node.js tasks, supporting full-stack feature delivery end-to-end.• Fully modernised the frontend by migrating from class-based components to functional components with React Hooks, improving maintainability.• Worked with JavaScript, TypeScript, React, NestJS, PostgreSQL, Playwright, Docker. | | |
| Software Engineer, Intern | <u>Canon Production Printing</u> | <i>Timisoara, Romania</i> 03/2019 – 09/2021 |
| <ul style="list-style-type: none">• Designed and implemented automated test suites for REST APIs, improving test reliability and overall coverage.• Built a complete project from scratch using the MVC pattern in close collaboration with a senior developer. | | |

- Delivered test automation for both REST APIs and UI on the company's largest and most critical enterprise project.
- Worked with **Karate Framework, Protractor, C#, .NET, HTML & CSS, Bootstrap.**

Education

Bachelor of Engineering **Politehnica University of Timisoara** *Timisoara, Romania* **09/2017 – 06/2021**

- Faculty of Automation and Computers | Highschool of Mathematics and Informatics

Projects

- **Euro Funeral Transport:** Creator of the first application in Europe for repatriation of deceased individuals (NextJS, Supabase, Railway). [Link to Website](#) **(09/2025 – Present)**
- **Travel App:** Designed and developed a mobile app to discover hotels, restaurants and attractions based on the user's location. Diploma project. (Flutter, Firebase, Google Maps API) **(02/2021 – 06/2021)**

Others

- Article accepted at ICERI 2021
- Article published at ENT 2021 – Moscow, Russia