ROBERT SAMALONIS

Senior Software Engineer

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PROFESSIONAL SUMMARY

Innovative Senior Software Engineer specializing in React, TypeScript, and accessibility-first development. Expert in leveraging AI-assisted development workflows and rapid prototyping methodologies to deliver exceptional, inclusive web applications with cutting-edge user experiences.

PROFESSIONAL EXPERIENCE

Senior Software Engineer   April 2022 - Present
eMoney Advisor

• Lead frontend development initiatives using React, TypeScript, and modern development workflows
• Pioneer AI-assisted development practices to accelerate feature delivery and code quality
• Implement comprehensive accessibility standards (WCAG 2.1 AA) across enterprise applications
• Mentor development teams on best practices, code architecture, and emerging technologies
• Drive performance optimization initiatives resulting in measurable UX improvements

Software Engineer   June 2017 - April 2022
Elsevier

• Architected and maintained scalable web applications for global scientific publishing platform
• Implemented responsive, cross-browser compatible interfaces serving millions of users
• Collaborated with distributed international teams on complex, multi-year projects

EDUCATION

Bachelor's Degree in Computer Science   2017
Temple University

TECHNICAL SKILLS

Frontend: React, TypeScript, JavaScript, HTML5, CSS3, Web Accessibility (WCAG), Material-UI
Methodologies: AI-Assisted Development, Rapid Prototyping, Agile Development, Code Review
Tools: Git, Jest, React Testing Library, Vite, Performance Optimization, Figma
Backend: Node.js, CI/CD Pipelines