

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
- Collaborate cross-functionally with design and product teams to deliver user-centered solutions

Technologies: React, RTK Query, TypeScript, JavaScript, HTML5, CSS3, Bootstrap 5, Web Accessibility, AI-Assisted Development, Jest, Testing Library, Performance Optimization

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
- Contributed to frontend architecture decisions and established development standards
- Delivered features through agile methodologies with continuous integration practices

Technologies: React, TypeScript, JavaScript, HTML5, CSS3, Node.js, Git, Agile Methodologies, CI/CD

EDUCATION

Bachelor's Degree in Computer Science

2013 - 2017

Temple University

TECHNICAL SKILLS

Frontend

Expert: React, TypeScript, JavaScript, HTML5, CSS3, Web Accessibility (WCAG), Responsive Design

Advanced: RTK Query, Material-UI, Bootstrap 5, Framer Motion

Tools

Expert: Git & Version Control

Advanced: Jest, React Testing Library, Vite, Performance Optimization

Intermediate: Figma

Methodologies

Expert: Code Review & Mentoring

Advanced: AI-Assisted Development, Rapid Prototyping, Agile Development

Backend

Intermediate: Node.js, CI/CD Pipelines