

# ROBERT SAMALONIS

## Senior Software Engineer

robsamalonis@gmail.com • linkedin.com/in/robert-samalonis-4a092a137

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### PROFESSIONAL SUMMARY

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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

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#### 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

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#### Bachelor's Degree in Computer Science

2013 - 2017

##### Temple University

### TECHNICAL SKILLS

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## 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