Zachary Schuster-Rocafort

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in http://linkedin.com/in/zackschuster

{} https://git.sr.ht/~ledge

C# • .NET • T-SQL • JavaScript • TypeScript • Angular • Node.js • Virtual DOM • HTML5 • S/CSS • Git • Apex • Azure • DevOps • Accessibility • Standards • Best Practices • Project Management • Client Communication

Experience

Senior Software Engineer - *Skuid, Inc.*

Dec 2021 - May 2023 (1 year 6 months)

- Development of browser-based low-code application platform utilizing Virtual DOM technology
- Integration with both Salesforce (via Apex code) and Node.js servers
- Improvements to build processes and documentation, from first-time setup to deployment
- Code review of peer pull requests
- Facilitation and implementation of design team prototypes

Web Developer - *CodeStack - San Joaquin County Office of Education*

Apr 2015 - Dec 2021 (6 years 9 months)

- Management of a large number of projects with diverse technology stacks
- End-to-end systems architecture covering database, server and client development & maintenance
- Integration with Microsoft Azure products, including Azure DevOps
- Daily communication with stakeholders to ensure timeliness & accuracy of deliverables
- Facilitation and implementation of design team prototypes
- Mentorship and training of web developers in current techniques and methodologies
- Leadership committee member and presenter for CodeStack Meetups
- Research & utilization of emerging technology standards

Notable Projects

CodeStack Editor - *Sole developer*

https://editor.codestack.org

Languages: TypeScript • HTML • SCSS • C# • T-SQL

- Browser-based code editor
- Versioned saving & historical view
- Live website preview
- Dynamic Python code execution
- Fully featured command-line terminal

EDJOIN API - *Lead developer*

https://api.edjoin.org

Languages: C#

- New server leveraging the latest .NET technologies
- Integrated with Google Job Search
  - New source of traffic
  - More than 150,000 new users since Nov. 2020
- Used by all mobile applications

California Center on Teaching Careers - *Lead developer*

https://californiateach.org

Languages: TypeScript • Pug • SCSS • C# • T-SQL

- State-funded teacher recruitment initiative
  - More than 15,000 recruits connected with more than 450 educational agencies since 2018
  - More than 1,500 teachers hired through the system since 2018
- Winner, 2019 CCSESA Technical Innovation Award
- Winner, 2019 AESA Technical Innovation Award

Open Source

ng-app - *Sole maintainer, Author*

https://git.sr.ht/~ledge/ng-app

Languages: TypeScript

- App container for Angular.js
- Enables first-class development with JavaScript's native module system
- Provides many quality-of-life improvements over the out-of-the-box developer experience
- Foundation for all of CCTC's web applications

emailjs - *Lead maintainer*

https://github.com/eleith/emailjs

Languages: TypeScript

- Node.js library for sending emails to mail servers
- Implemented major improvements since taking over as lead maintainer
- Upgraded the codebase to TypeScript
- 15,000+ weekly downloads on NPM
  - Growth of 10,000+ downloads since becoming lead maintainer
- Adopted by Vox Media
- Used by many sites at CodeStack

Node.js - *Working Group member*

https://github.com/nodejs/modules

https://github.com/nodejs/package-maintenance

Languages: JavaScript

- Contributed to design and maintenance of core Node.js features