

Zachary J. Graham

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Phoenix, Arizona

Skills

Web Technologies & Frameworks: Angular, React.js, JQuery, Knockout.js, .NET, Spring Boot

Languages: JavaScript, Typescript, C#, Java

Tools: VSCode, Visual Studio, Postman, Fiddler

Database: SQL Server, PostgreSQL, MySQL,

Workflow: Agile, Scrum, Jira

Versioning: Git, Github, GitKraken, BitBucket

Operating System: Mac, Windows

Professional Experience

Edgenuity/Glynlyon, Inc. (Educational Technology) - Software Engineer

Winter 2020-Summer 2020

- Built graphical visualization for students in React, pulling student data from their enrollments to show student progress and goals.
- Helped develop microservices using Java and Spring Boot to convert curriculum from a JSON-based format to the proprietary XML format used by the legacy homeschooling platforms, including unit and integration tests and database versioning with Liquibase.
- Reconfigured an emailer application's data source from direct database calls to API endpoints and implemented a new email template using string formatting and string verbatim.
- Integrated a new feature for teachers to better organize other teachers, students and the learning goals of students. This involved creating new UI components, endpoints, tables, stored procedures to improve communication to students, district-wide scheduling and reporting.
- Renovated internal data visualization tool, including upgrading to new version of Angular (V4-V5), adding unit tests and validation, replacing UI libraries, and redesigning and implementing a new layout.
- Helped team reconfigure learning management system to support multiple brands. This included email configurations for multiple domains, dynamic course distribution, and dynamic UI elements.
- Worked with a team building forms and fixing bugs in an internal facing text editor using Angular.

Teacher/Lecturer

2014-2018

- Chinese Mandarin teacher in Desert Valley Unified School District.
- Finance and Accounting Lecturer at Jiangnan University.
- English teacher in Jinan, Shandong, China for Best Learning.

Live Sites:

<https://stage-18.netlify.app/>

Simple responsive page for my podcast, using React, Google's Material UI and hosted on Netlify.

Node Modules:

<https://www.npmjs.com/package/media-hex>

Styling library, generates hex-codes for colors of major media platforms.

Certifications:

AWS Certified Cloud Practitioner

Education

DevMountain Phoenix, Coding Boot Camp, Phoenix Arizona

September 2018

BS, Finance, W.P. Carey School of Business, Arizona State University, Tempe, AZ

May 2013