

Zac Demi

React Native Developer | zacdemi.com | 610-836-1870 | Austin, TX

Work Experience

React Native Engineer - Brushfire (June 2021 - Present)

- Lead mobile engineer for two React Native codebases: Brushfire Mobile and Verris.
- Resurrected event apps that fell dormant during Covid 19 by upgrading RN and all dependencies (Brushfire RN 61.5 to 67.2 and Verris RN 60.4 to 66.4).
- Implemented Square and Stripe bluetooth/web payment hardware into Brushfire Mobile.

React Native Engineer - Avem.io (Mar 2020 - June 2021)

- Migrated an outdated React Native app to use functional components, custom hooks, and React Navigation V5.
- Redesigned the UX with Figma. Implemented map-based designs using react-native-bottom-sheet and react-native-maps.
- Upgraded React Native version from 60.6 to 64.1.

Freelance React Native Engineer - Plug Music (Oct 2020 - Jan 2020)

- Built over fifteen custom screens for a music studio booking app. Integrated the front end to the existing backend using Redux and GraphQL.

AP Computer Science Teacher - Griffin Highschool (Feb 2019 - May 2019)

- Taught the fundamentals of computer science to a class of high schoolers. Provided guidance on capstone passion projects. All students exceeded global and state averages on the AP exam.

Coding Instructor - Coding With Kids (Sep 2017 - Jan 2019)

- Lead instructor for Python and Scratch classes. Interviewed new candidates and conducted all curriculum and classroom management classes to onboard new employees.

Data Analyst - Arthur J. Gallager (Jun 2012 - Jun 2016)

- Developed internal productivity tools across multiple teams using Microsoft Access and SQL.
- Wrote a program that saved 5,000 hours of manual data entry during annual enrollment.
- Led project to transition externally housed medical claims data to in-house SQL Server database to facilitate custom data mining.

Personal Projects

Speed Jenga - Featured in weekly Hackaday.io newsletter. Augmented JENGA® using Python and a digital kitchen scale. Presented project at Austin's Python meetup. <https://hackaday.io/project/169055-speed-jenga>

Steppodium - A team-based step tracking web application for wellness programs. Over 10 million steps tracked!
<https://steppodium.herokuapp.com/login/>

Get Proverbs - A SMS "daily word of wisdom" subscription service. Over 12,000 text messages delivered to 70+ subscribers.
<https://get-proverbs.herokuapp.com/home/>

Education

Temple University (2014) - Bachelor of Business Administration, Risk Management & Insurance