Cameron Tharp

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Skills: Web app development, JavaScript, TypeScript, React, .NET/C#, Ruby on Rails, relational databases, end-to-end testing

Professional Experience

Software Engineer at Stellar Elements   01/2022 to present
- Project 1: Developed a data visualization dashboard that allows users to track energy usage and occupancy statistics for entire buildings; built with TypeScript, React, and Redux
  - Mentored and trained the client's back-end team so they could quickly onboard to the front-end and contribute with clean, modular, and tested code
  - Led a technical discovery for a testing framework that met all the client's specifications so the client could meet testing and quality assurance deadlines
- Project 2: Developed application that automates and improves efficiency when creating product promotions; built in Ruby on Rails and Hotwire's Turbo and Stimulus

Software Engineer at Triencon Services   11/2018 to 01/2022
- Project 1: Architected rewrite of legacy application that increased workflow efficiency; converted large amounts of jQuery to reusable React components, Visual Basic to C#, and inline SQL to Entity Framework
  - Requirements were to optimize speed and efficiency, move business logic to service layer, fix bugs, and add new features specified by the client
  - Administered, tracked, and resolved code vulnerabilities to meet security standards of OWASP Top 10 2017, STIG 5.1, and DISA CCI
- Project 2: Developed an internally built CMS that allows any manager to dynamically update the company website's information
  - Optimized Azure cloud hosting services to save the company hundreds of dollars a month; web application hosted via container instances and app services
  - Migrated on-premise SQL server database to cloud-based Azure SQL Database

Front End Developer at Meowtel.com   02/2018 - 11/2018
- Completed rewrite of the web application's front-end to improve the user experience and application latency; built in React with Redux
  - Resulted in better website ratings, more users, and increased number of bookings

Web Developer Teaching Assistant at UT Coding Bootcamp   09/2017 - 04/2018
- Taught students web application development fundamentals; CSS, JS, Node, MongoDB

Science Teacher   06/2012 - 07/2017

Education - University of North Texas · Bachelor's · GPA: 3.7   09/2011