Christopher Ochsenreither

Full-Stack Software Developer

643 N Catalina Ave Tucson, AZ 85711
c.g.ochsenreither@gmail.com
Github
Personal Website

Objective

Web application developer with six years industry experience in building single-page applications (SPAs), REST APIs & web services. Seeking a Node.js-based role to develop Web APIs, microservices and full-stack applications with any database & frameworks.

Web Technology Skills

Javascript, Typescript, React.js, Node.js, Express.js, ASP.NET Core, C#, Python, SQL, Mongodb, Git

Recent Experience

Enterprise Application Developer, *March 2019 – August 2020*
Roche Tissue Diagnostics, *Oro Valley, Arizona*
Reporting directly to the head of I.T., designed, developed and maintained custom software for tissue diagnostics R&D on a variety of platforms including .NET, .NET Core, Angular.js, Express.js and AWS.

Projects:

- Discovery Assay Design Tool – website that creates a list of Roche reagent products based on customer's assay design, nominated for the Tom Grogan award in innovation (Roche employee award).
- Image file transfer service – an AWS & Express.js-based web service to transfer multi-gigabyte oncology images to pharmaceutical clients.
- ARCOS tissue block scanner web API – Express.js and Python-based web API enabling communication between in-house LIMS and biopsy tissue block scanning software.
- LIMS technical lead – provided architectural oversight of an in-house LIMS for oncology sample management and successful deployment of the system.
- I.T. Expo giant Jenga leaderboard – an application to enable giant Jenga participants to keep track of their

scores and compete with badge scanning and leaderboard display.

Full-Stack Developer, *February 2017 – March 2019*
Mindplay, *Tucson, Arizona*
Developed new applications and features for Mindplay's portfolio of educational reading applications.

Projects:

- Achievements Module – gamification of reading activities with customizable avatars, point system and achievement animations.
- Mindplay Academy – new application for teacher training & certification with video learning modules, tests and certificates (similar to Coursera, EdX).
- Development of in-house CRM for national sales team.

Front-End Developer, *March 2016 – November 2016*
OnCourse Systems for Education, *Media, Pennsylvania*
Developed features across OnCourse's portfolio of web-based solutions for K-12 schools. Coded RESTful APIs in C# and browser applications in Sencha & Angular.js. Participated in weekly sprints and code reviews utilizing project management software.

Education

B.A. Chemistry, *Temple University*

Certifications

Freecodecamp <u>Back End Development and APIs Certification</u>
HackerRank <u>Javascript (Intermediate) Certificate</u>
HackerRank <u>Node (Basic) Certificate</u>
HackerRank <u>Problem Solving (Basic) Certificate</u>