

# Aaron Piotrowski

<https://www.aaronpiotrowski.com>

Chapel Hill, NC 27516 | 312-520-9348 | [aaron@artificialpixel.com](mailto:aaron@artificialpixel.com)

## Skills

C# / .NET
Blazor
MAUI
Azure
Cosmos DB
Angular
TypeScript
Rx JS
React
Gatsby
Node
Next.js
Unity
Google Maps API
Ruby / Rails
MS SQL
PostgreSQL
HTML5
CSS3

## Experience

01 / 2024 - Current

## Founder | Artificial Pixel, LLC | Chapel Hill, NC / Remote

- Currently developing a SaaS product based around text manipulation using the Microsoft Stack.
- Currently developing a B2B product leveraging AI and AR technology on the Microsoft Stack.
- Designed and developed marketing sites for local SMB's.

03 / 2023 - 11/2023

## VP of Software Development | TRAKID | Raleigh, NC / Remote

- Created the next generation API and web platform using .NET 7 and Blazor WASM.
- Managed mobile developers during the creation of the new mobile experience app.

09 / 2022 - 03 / 2023

## Frontend Architect / Head of Web Development | TRAKID | Raleigh, NC / Remote

- Rebuild the original React based client web portal and CMS from the ground up in Angular.
- Worked with a small team to create a new data structure that is more maintainable and expandable.

11 / 2021 - 09 / 2022

## Senior Software Engineer / Technical Lead | Trainual | Remote

- Created new features built in React with Typescript connected to Rails endpoints.
- Updated parts of a monolith Rails application to React in a push to move to a standalone React application with a Rails API.
- Technical Lead on development squad and mentored entry level developers.

01 / 2021 - 11 / 2021

## Web Developer | TRAKID | Cary, NC / Remote

- Created a client web portal to create and manage game versions for smart band
- Rebuilt marketing site using Gatsby JS (React) and Styled Components. Hosted on Azure.
- Created dashboard pages for reports and analytics for parks.

03 / 2020 - 11 / 2020

## Software Developer | RedJade | Remote

- Created an admin dashboard to be able to query usage metrics on clients for billing.
- Created a summary report module consisting of customizable cards per data type for clients to generate reports from subject tests.
- Updated client check in module of the main application to use an updated user model and flow.

08 / 2019 - 03 / 2020

Frontend Engineer | FoodLogiQ | Durham, NC

- Created a Go command line application with a UI for customer service to update clients without needing to make tickets for the dev team to do so.
- Updated current frontend app to meet modern Angular structure while setting up a Hybrid application with both Angular 1.5 and Angular 8.
- Added Jest to use in place of Karma to have faster feedback time on unit tests.
- Upgraded JS files to TypeScript along with adding unit tests for the legacy code.
- Moved Go build scripts over to NPM scripts to leverage Angular CLI and clean up frontend repo.

06 / 2018 - 08 / 2019

Software Developer | CrossComm | Durham, NC

- Built cross platform AR/VR applications in Unity for training simulations that run on both the HTC Vive and Oculus Rift.
- Built a mobile design/configuration app in Unity that included a VR view of your finished design/configuration.
- Built a web application in React that connects hardware to read data in real time.
- Configured Bluetooth API to connect an Android application to a hardware device.

09 / 2017 - 03 / 2018

Frontend Engineer | Hyatt | Chicago, IL

- Worked with Angular1.x, HTML5/SASS, Gulp, Java and Maven to redesign all Hyatt property sites across global brands. Created reusable base components to be used across all hotel brands to allow for easy customization for a specific brand.
- Chicago Park Hyatt property site: <https://www.hyatt.com/en-US/hotel/illinois/park-hyatt-chicago/chiph>

01 / 2017 - 09 / 2017

Software Developer | Arup | Chicago, IL

- Built a custom application for internal use by Microsoft. Independently created the frontend application using TypeScript and Angular and assisted in building the backend application using Python and Flask. Hosted the application with MSIT's Azure workflow.

03 / 2015 - 01 / 2017

## Customer Tech Support / DevOps | Opinion Lab | Chicago, IL

- Migrated on premise servers over to a cloud-based environment in AWS using Ruby and Chef.
- Created customized feedback systems for clients including Norton, Verizon, Gucci, AT&T using HTML5, CSS3 and JavaScript.
- Created internal tools to automate frequently performed tasks using Spring Boot and Angular2(beta).

## Certifications

- Microsoft Certified: Azure Fundamentals
- Microsoft Certified: Azure Data Fundamentals
- MTA: HTML5 Application Development Fundamentals

## Education

08 / 2014 - 11 / 2014

Dev Bootcamp | Certificate for Full Stack Ruby on Rails | Chicago, IL

11 / 2013 - 03 / 2014

Thinkful | Certificate for Frontend Development | Online

01 / 2013 - 06 / 2013

3DTi | Certificate for 3D Design and Animation | Online