

# Christian Payne

## // Full Stack Developer

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Full-stack web developer with a decade of professional experience delivering scalable, maintainable software. I emphasize strong foundations, critical thinking, and attention to detail—whether collaborating on a team or working independently as a self-starter from concept to launch. I'm increasingly focused on systems-level programming and passionate about learning Rust as my primary language.

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## Experience

**Model Match** ://AWS Developer | Mar 2021 - PRESENT San Clemente, CA

Model Match is a SaaS product that helps mortgage recruiters with the pipelines they need to make meaningful connections. Hosted on AWS, this app is able to take on millions of requests with large amounts of data. While I work mainly on the full stack part of the app, I regularly run data jobs using AWS Glue and Elastic Search.

### Permission System ://

As the application matured, the need for precise permission control grew. I took the leading role in creating a system that would eventually be a cornerstone in the company's operations. The permissions system is scalable, tuneable, has multiple tiers of specificity, is role based, user and system controlled, realtime and integrated into the payment system. It is my flagship accomplishment to date.

### CRM Features ://

The core of Model Match is its CRM. Plenty of core features in the app today were designed by me. Custom Fields allow users to create their own meta-data fields that attach to contacts. I've developed improvements to the import tool to include quicker imports locally, or cloud imports for large files. High resolution logos were created for Model Match and companies that wanted to integrate with the software using the Adobe Suite.

### Chrome Extension ://

A ground up rebuild of our existing Chrome Extension was needed to remove legacy code and improve expandability in the future. The tech stack was left to me so I built it using React. The extension is used to import contacts quickly from your browser into a pipeline.

### Data ://

Data tasks are regularly assigned to me. AWS Glue (PySpark) is the main program used to complete aggregations and rollups of raw data (ETL). In addition to those, I created numerous migration scripts in Node that helped us move our data structures in our database to new shapes to be compatible with new features. Many of these scripts run on a VPC with EC2 instances that I configured from scratch.

**Self Employed** ://Interactive Developer | Jan 2019 - Mar 2020 La Habra, CA

Interactive experiences were a big focus for me. I maintained active projects with new features, optimizations and new content for each client.

**Related Grey** ://Interactive Developer, 2D / 3D Designer, IT Tech | Jul 2013 - Jan 2019 Brea, CA

At Related Grey, I was tasked with a wide range of responsibilities ranging from building server render machines, to rotoscoping, to coding full interactive experiences for auto shows. This is where I got my roots as a software developer.

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## Projects

**Ennesults** ://Svelte, Rust, Tauri

Ennesults is a side project I developed that is meant to kindly poke fun at users in Twitch chat. The original project was a terminal application that I would run in node but since learning Rust, I wanted to make a full desktop application out of it to further my Rust skills. Because of the tech stack I wanted to practice, Tauri was the direction I

went with.

### **The Event Community** ://ReactJS, Netlify, Node, Firebase

The Event Community was a project that I worked on with a client and a small team of developers. We designed, from the ground up, a business platform for The Event Community to run on. Small businesses can use this platform to connect with one another as well as be searched on it to gain exposure and new clients. This project has everything from server side rendering, authentication, snappy UI, to fully custom user profiles and form fields. I had a big role in all aspects of this project.

### **Genesis Wheelstands / Hyundai Wheelstands** ://Unity3D, C#

These projects were developed for and deployed at auto shows around the nation. They showcase all of the current model year cars on display on the showroom floor with images, video and interactive trim and color options. Attendees used this app to find out more information on the cars being showcased.

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## **Education**

### **University of California, Irvine** ://Coding Bootcamp Certificate | Sept 2020 - Mar 2021

This bootcamp is centered around the cutting-edge technologies used in web development today. With a fast-paced curriculum, technologies like React, Express, Node, Mongo, SQL, Git and many more, were taught throughout the course.