

# Daniel Joseph Richardson

Full-Stack Software Engineer

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## **Brand Statement**

I am a full-stack software engineer who completed General Assembly's software engineering immersive program. I made the transition from an award-winning communications consultancy where I served as part of a team of professionals servicing high profile clients to full-stack development and computer science. My years of experience as a consultant helped me cultivate skills in project management, consulting support with C-Suite and mid-level clients, presentation skills, and agency operation support in a fast paced high productivity driven environment. I am excited about this career transition and I am confident that I will be a valuable asset and team member in a future position in the field of software development.

## **Software Engineering Skills**

**Languages** – JavaScript, HTML5, CSS3, Python

**Libraries and Frameworks** – React, Node.js, Express.js, Flask, Jinja, Django

**Database** - MongoDB, Mongoose, SQL, PostgreSQL, NoSQL | **Other** – GitHub, Git, RESTful Routing JSON

## **Software Development Projects**

### **Project: Centennial State**

- Created a Flask and Jinja review blog application that allows users to review ski slopes in Colorado
- Application uses the Python language, CSS3 and a SQL database to store user data
- Users can register and login in to create reviews
- Reviews allow for full CRUD (create, read, update, delete) functionality and only the user that creates a post can edit and delete the specific review

### **Project: Great Lakes Games**

- My team of three developers created a MERN stack application with full CRUD
- Application is a video game review website that used a third party API for game data
- The API had up to 500,000 plus video games with a robust amount of detail and images
- Users can register and login into the application allowing for full CRUD ability
- Authentication is implemented allowing only the registered user to create, edit and delete reviews
- Other users can create comments on reviews allowing for an interactive experience between gamers
- The application was styled with Bootstrap and CSS3

### **Project: Football City**

- Utilized React.js components for the front-end of the application creating an application that organizes client feedback
- Users can create game match ups by adding teams to the database and adding the location of the game
- Made RESTful API fetch calls to an Express, MongoDB, Node.js backend handling all CRUD operations, and tested all backend routes during development using Postman.
- Used Mongoose to define schemas for MongoDB collections.
- Implemented ES6 tagged template literals with Styled-Components along CSS3 to provide style and flexbox layout of the application.

### **Project: Connect 4**

- Created a front-end project using JavaScript, HTML5 and CSS3.
- Created a fully interactive point and click board game that looks like the exact gameboard.

## **Professional Experience**

**Reilly Connect**, Director of Operations and Client Services | Chicago, IL

February 2013 to August 2021

Provided operation and client service support a privately held, award winning communications consulting firm established in 1996. Agency worked client roster included major collaboration with global firms and its own client

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roster in the pharmaceutical, biotech, health and wellness, legal, and financial tech services including: Glanbia Performance Nutrition, Edelman, SGK Holdings, Kellogg's, Blue Cross Blue Shield of Illinois, DRW Holdings, Astellas, CSL Behring, Academy of Oral and Maxillofacial Surgeons, Roles include:

- **Financial oversight:** Manage all client billings and associated activity reports. Oversee vendor and contractor management and support agency profitability oversight. Key achievement includes improving profitability by onboarding agency to online time tracking software that streamlined agency accountability and billings. Coordinate financial reporting including cash flow and forecasting with CPA.
- **Employee and freelance onboarding:** Familiarize staff and outside resources on billing process and coordinate tax related and payment schedules and related letters of agreement. Employee benefits: coordinate all communications with health insurance provider. Support communications with actuaries for pension and profit-sharing plan.
- **Marketing support:** Support agency rebranding of all owned assets including: logo redesign, website overhaul and SEO guidance, continuity across all social platforms. Responsible for website updates.
- **Account Support:** Pivot as needed to support agency president and account teams on client assignments including: videography, video content development, brand integrations, and media relations.
- **Event Planning and Staffing:** Play a key role in event project management and attendee interface. Events included: National Association of Convenience Stores (NACS), National Restaurant Association, American Society of Clinical Oncologists (ASCO), Meredith Publishing Women's Half Marathon, and American Academy of Dermatology.
- **Technology:** Regularly research platforms needed to remain competitive in a fast-changing industry. Onboarded team on TrendKite Insights, Cision and Harvest platforms.

## Nico Trading, Trader Assistant

September 2010 to February 2013

- Served as clerk for a team of four proprietary traders in the Eurodollar Options Pit at the Chicago Mercantile Exchange (CME). Accountable for confirming floor/verbal day trades with clearing houses, Eurodollar brokers and the firm's back office. Analyzed portfolio's daily statement, confirmed risk limits and profit/loss numbers to ensure CME regulatory compliance.

## Education

- **General Assembly Software Engineering Immersive** January 23<sup>rd</sup>-April 18<sup>th</sup>, 2022
- **Xavier University. Bachelor of Arts Degree with focuses in Business and Communications** Class of 2010
  - Four-year starter on the Xavier University Men's Rugby Team
- **St. Ignatius College Prep. (SICP)** Class of 2006
  - Starter on the varsity football and rugby teams, wrestled varsity junior year