


# [Zayne Geffre]

## [Jr. Business Analyst/Software Developer]

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<https://zaynegeffre.com>

Jr. Business Analyst and Software Engineer with strong skills in C#, JavaScript, HTML, CSS, React, SQL, Power Platform, Azure, and Excel through experience making a face detection application, a robot card search, a full process migration with automations and more.

## Professional Experience

### Razor Consulting Solutions - Jr Business Analyst

November 2024 - present

Tools: Azure Data Factory, Power Apps, Power Automate, SQL Server, SSMS, Excel, Power BI, Azure Blob Storage

- Migrated legacy SQL jobs and SSIS packages into scalable Azure Data Factory pipelines with modular logic, parameterization, and reusable templates.
- Created fully automated Excel file ingestion workflows using Blob Storage and ADF, including data validation, transformation, and archive logic.
- Developed Power Apps interfaces connected to Power Automate and ADF for front-end business users to execute pipelines with dynamic input parameters.
- Rewrote stored procedures using optimized SQL patterns (e.g., ISNULL instead of CASE) to streamline logic and reduce runtime.
- Designed Power BI dashboards to visualize processed data, track pipeline health, and support decision-making.
- Maintained robust audit trails, job status logs, and real-time metrics for monitoring and operational visibility.

### United States Army Veteran - 91Bravo Wheeled Vehicle Mechanic

Oct 2015 - Oct 2021

- Leadership & Teamwork: Led and collaborated with diverse teams to ensure the timely maintenance and repair of wheeled vehicles, ensuring mission readiness.
- Technical Skills: Specialized in troubleshooting, maintaining, and repairing complex mechanical systems, with a focus on minimizing downtime.
- Documentation & Compliance: Maintained meticulous records of repairs and preventive maintenance, ensuring compliance with military standards and protocols.
- Time Management: Effectively managed multiple tasks under tight deadlines in high-pressure environments, adapting to changing priorities with flexibility and discipline.
- Problem Solving: Applied analytical thinking to diagnose and resolve mechanical issues, demonstrating strong problem-solving abilities.
- Excellence & Discipline: Trained to uphold the highest standards of discipline and excellence, consistently delivering top-tier performance.

## Technical Projects

### UCP Process Automation & Migration

Platform: [Azure Data Factory](#), [Power Platform](#), [SQL Server](#), [Excel](#), [Blob Storage](#)

- Rebuilt 3 major SSIS workflows into low-code/no-code ADF pipelines using parameterized Copy, Filter, and Lookup activities.
- Designed dynamic looping logic using Get Metadata + ForEach activities in ADF to process variable file counts from blob storage drop zones.
- Simulated file "move" operations by appending archive suffixes via Copy+Delete in Blob storage.
- Connected Power App buttons to trigger Power Automate flows that securely pass dynamic parameters into ADF pipelines.
- Logged pipeline results to SQL JobStatus table, including row counts, status codes, timestamps, and error messages for auditing and traceability.

### FaceFinder Face Detection Web Application

<https://gamesbygeff.github.io/face-finder-frontend/>

<https://github.com/GamesByGeff/face-finder-frontend>

Tech Stack: [React](#), [Redux](#), [JavaScript](#), [HTML](#), [CSS](#), [Node.js](#), [Express](#), [Clarifai API](#)

- Built a full-stack face detection app with real-time user input processing and accurate bounding box rendering over uploaded images.
- Implemented secure user authentication, registration, and login flows with encrypted credential storage.
- Used Redux to manage state across components, enabling real-time user feedback and consistent UI behavior.
- Deployed frontend to GitHub Pages and backend to Heroku for full online accessibility.

### "Robook" Robot Profile Search App

<https://gamesbygeff.github.io/robook-app/>

<https://github.com/GamesByGeff/robook-app>

Tech Stack: [React](#), [JavaScript](#), [HTML](#), [CSS](#)

- Created a responsive web application using React that allows users to search and filter a gallery of robot profiles.
- Built custom reusable components (SearchBar, RobotCard) with props and hooks to simplify state management.
- Used Fetch API to dynamically pull robot data from a local JSON file and render search results on input.

## Education and Soft Skills

### Computer Science Courses:

- ~ CS50's Introduction to Computer Science, Harvard University
- Complete C# Unity Game Developer 3D
- TutorialsEU Academy 21 Day C# Web-Development with ASP.NET & Angular
- [The Complete Web Developer in 2023: Zero to Mastery](#)
- (Certificate Earned) ~
- High School Diploma : 2014

### Soft Skills:

Problem Solving, Communication, Teamwork, Leadership, Time Management, Project Management

### Languages & Frameworks:

- C# (3 yrs), JavaScript (3 yrs), React (2 yrs), Redux (1 yr), HTML/CSS (3 yrs)
- Databases & Tools:
- SQL (2 yrs), PostgreSQL (2 yrs), MySQL (6 mos), SSMS (3 yrs), Git
- Power Platform:
- Power BI (2 yrs), Power Apps (2 yrs), Power Automate (2 yrs)
- Cloud & DevOps:
- Azure Data Factory (1 yr), Azure Blob Storage (1 yr), GitHub Pages, Heroku