Andrew Edwards

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[LinkedIn](http://www.linkedin.com/in/andrew-edwards-software-engineer)
[Portfolio](https://edwards.codes)

Summary

Full-Stack Application Developer with extensive experience designing and building web applications, APIs, and mobile solutions using modern technologies. A US Army veteran with a proven track record of delivering impactful tools for diverse industries, I bring strong problem-solving skills, a collaborative mindset, and a passion for crafting innovative software solutions. Skilled in React, Python, SQL, C#, and Agile methodologies, I am eager to contribute my expertise to the Houston Astros' Research and Development team to enhance baseball operations.

Technical Skills

- Front-End: React.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Angular, Bootstrap, Sass
- Back-End: Node.js, Python, C#, ASP.NET, Express.js, Next.js, REST APIs
- Database: SQL, MSSQL, MySQL, MongoDB, NoSQL
- Tools & Practices: Git, Docker, CI/CD, Agile, JSON, XML, Unit Testing
- Other: Swift, Flutter, Dart, Kotlin, Objective-C, AWS, Vite

Professional Experience

Software Engineer

Tifco Industries – Cypress, TX

February 2022 – January 2025

- Designed, developed, and optimized APIs using Nest.js, JavaScript, and TypeScript to streamline warehouse operations.
- Built scalable and user-friendly SwiftUI and Flutter applications for warehouse management and employee productivity.
- Modernized legacy embedded systems, enhancing reliability and operational efficiency.
- Created responsive web applications using React and TypeScript for internal tools and dashboards.
- Integrated barcode scanning technologies and developed LG WebOS TV apps for digital signage.

- Engineered SQL-based solutions, including crafting stored procedures in MSSQL Server to improve database functionality.

Freelance Web Developer

Edwards Technologies, LLC

January 2020 – Present

- Delivered customized and optimized web applications tailored to client requirements, leveraging frameworks like React.js and Node.js.
- Conducted web audits and developed marketing pages to drive traffic and enhance user engagement.
- Designed visually compelling graphics, logos, and advertisements for an enriched online presence.

Software Engineer

Hometown Insurance Jada Phillips – Broken Arrow, OK

January 2020 – April 2022

- Spearheaded development of Electron and React.js applications, resulting in annual cost savings exceeding $175K.
- Built and deployed office productivity applications, improving operational workflows.
- Collaborated in a team to release and maintain custom applications tailored to the insurance sector, eliminating over 100 bugs through rigorous testing and maintenance.

IT Infrastructure Specialist

A&B Tribe LLC

January 2011 – May 2020

- Consulted with clients to deliver tailored IT solutions, ensuring alignment with budget constraints andspecific client needs, demonstrating a commitment to personalized service.
- Established and optimized home networks and small home-based cloud servers, significantly enhancingconnectivity and data accessibility for clients.
- Provided comprehensive IT support services, proficiently troubleshooting issues to ensure seamlesssystem operations for a diverse client base.
- Implemented robust security measures to safeguard networks against physical harm, viruses,unauthorized access, and other malicious threats, emphasizing a proactive approach to cybersecurity.

Project Manager/Auditor

Sysco Corp

January 2013 - December 2015

- Spearheaded the identification and coding of Market Segmentation for Sysco's Customer data in the Reltio tool, ensuring accuracy and efficiency in data organization.
- Orchestrated the seamless migration of data from a legacy MySQL database to a modern NoSQL database, contributing to the technological evolution of data management systems.
- Managed a dynamic Data Entry team, ensuring the quality and consistency of Market Segment codes during data entry, exemplifying a commitment to precision and data integrity.
- Effectively project-managed the team to meet weekly milestones, showcasing leadership skills in a fast-paced and deadline-driven environment.

Military Service

US Army – Small Arms & Artillery Repairer (45B)

January 2006 – September 2010

Honorable discharge with a focus on leadership and problem-solving in high-pressure environments.

Certifications

- Full-Stack Web Developer (University of Texas, Austin)
- SQL Skills Assessment – Proficient (July 2024)

Relevant Achievements

- Successfully modernized applications using React.js and Python, enabling intuitive interfaces and high performance.
- Designed and maintained robust APIs, ensuring scalability and seamless integration of third-party services.
- Collaborated with cross-functional teams to translate business requirements into actionable technical solutions, exemplifying Agile practices.