# Andrew Edwards

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

## Summary

Full-Stack Application Developer with extensive experience designing and building web applications, APIs, and 3D web solutions using modern technologies. Specialized in creating immersive web experiences using Three.js and React, with a strong foundation in front-end development and API integration. 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.

## Technical Skills

- Front-End: React.js, Three.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***

January 2023 – Present

- 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 – Tulsa, 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

- Provided IT consulting and support services, implementing robust security measures and maintaining client systems.  
- Built high-performance PCs for specialized tasks, including gaming and Bitcoin mining.

## 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)

## 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.