

**Boaz Blake**

**Cell:** 347-420-3251

**Email:** [BoazBlake@protonMail.com](mailto:BoazBlake@protonMail.com)

**Portfolio:** <https://boazblake.github.io/identity/#/>

## **SUMMARY**

Results-driven Senior Software Engineer with over 8 years of experience in frontend development, specializing in ReactJS and modern JavaScript frameworks. Proven expertise in architecting scalable web applications, optimizing UI performance, and leading design system implementations. Adept at collaborating with cross-functional teams, mentoring junior developers, and integrating RESTful APIs and GraphQL. Passionate about delivering high-fidelity, user-centric solutions with a focus on innovation and excellence.

## **PROFESSIONAL EXPERIENCE**

### **Empyrean Benefits Solution, Houston, TX**

#### **Senior Front End Web System Developer**

*April 2019 – Present*

- Lead developer for the company's primary in-house application, utilized by business analysts and Tech Directors for client configurations, transitioning a legacy .NET application to a modern ReactJS-style (AureliaJS) frontend architecture.
- Architected and maintained scalable frontend solutions, enhancing performance through efficient rendering strategies and modern caching techniques.
- Designed and implemented a reusable component library to ensure UI consistency across applications, collaborating with designers to translate Figma mockups into pixel-perfect interfaces.
- Optimized build processes using Webpack and Babel, and enhanced CI/CD pipelines with GitHub Actions to improve developer efficiency and onboarding.
- Integrated RESTful APIs and C# .NET Entity Framework request handlers, ensuring seamless data consumption and performance.
- Mentored junior developers and conducted code reviews, establishing best practices for frontend development and reducing operation times by 20% through UX/UI enhancements.
- Delivered a delayed configuration feature ahead of schedule by independently architecting infrastructure, including SQL table creation, API development, and a complex frontend interface.

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## **Front End Web Developer**

*August 2016 – April 2019*

- Developed responsive web applications across multiple frameworks (ReactJS, Vue, AureliaJS, NativeScript), including the company's first mobile app (EmpyreanGO) built with Vue and NativeScript.
- Created an employee onboarding application in AureliaJS, integrating HR and customer service access with high design fidelity.
- Optimized CSS using SASS and styled-components, improving load times and maintainability of UI components.
- Collaborated with backend teams to integrate APIs, enhancing application functionality and user experience.

## **Education**

### **The Iron Yard, Houston, TX**

#### **Front End Web Development**

*February 2016 – April 2016*

- Completed an intensive 3-month course focusing on HTML, JavaScript, CSS, and SOLID principles of OOP.
- Built a responsive Event Organizer application using ReactJS and MongoDB, emphasizing performance optimization and modern frontend practices.
- Supplemented learning with Harvard CS50 (David J. Malan), Functional Programming (Brian Lonsdorf), and Category Theory (Bartosz Milewski) courses.

### **University of Houston, TX**

#### **PhD in Human Space Exploration & Exercise Immunology (Not Completed)**

*September 2011 – May 2014*

- Conducted research on gravitational forces and epigenetic inheritance under NASA HRP Grant #NNX12AF04G.

### **James Madison University, Harrisonburg, VA**

#### **Bachelor of Science in Sports Medicine, cum laude**

*August 2007 – May 2010*

- Focused on athletic injury prevention and treatment, developing strong analytical and problem-solving skills.

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## **Additional Experience**

### **Top Gun Range, Houston, TX**

#### **Tactical Firearms Instructor & Range Safety Officer**

*January 2016 – August 2016*

- Trained individuals in tactical applications and safety protocols, enhancing communication and leadership skills.

### **University of Houston, TX**

#### **PhD Research Assistant**

*September 2011 – May 2014*

- Taught undergraduate courses in biomechanics and statistics, and researched spaceflight effects on the nervous system.

### **Israel Defense Forces, Israel**

#### **Anti-Terrorist Officer/Bodyguard**

*October 2000 – December 2005*

- Served as a Paratrooper, providing close protection in high-risk environments, honing adaptability and decision-making under pressure.

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## **Skills**

- **Frontend Development:** ReactJS, Vue, AureliaJS, NativeScript, JavaScript (ES6+), HTML5, CSS3
- **CSS Architecture:** SASS, LESS, styled-components
- **Build Tools & CI/CD:** Webpack, Babel, GitHub Actions, Jenkins
- **APIs & Integration:** RESTful APIs, GraphQL, C# .NET Entity Framework
- **Design Tools:** Figma, Visio
- **Performance Optimization:** Rendering strategies, asset optimization, caching
- **Leadership:** Mentoring, code reviews, best practice establishment