James Douglas White

Lubbock, TX | 512.293.1045 | email@douglaswhite.dev Portfolio | GitHub | LinkedIn

Professional Summary

Angular and Ionic Frontend Developer with 7+ years of experience in developing high-performance web and mobile Progressive Web Apps (PWAs). Skilled in UI/UX principles and cross-functional team collaboration. Proficient in leveraging cutting-edge technologies to build scalable and maintainable applications. Committed to continuous learning and staying abreast of industry trends.

Technical Skills

- **Frontend Development:** Angular, Ionic, Nx, TypeScript, HTML, CSS, Capacitor
- **UI/UX Design:** Figma
- **Backend Development:** Express.js, Firestore, MongoDB, Docker, Kubernetes
- **Cloud Platforms:** Azure, Google Cloud Platform (GCP)
- **Version Control & CI/CD:** Git, Azure DevOps, GitHub Actions, Azure Pipelines
- **State Management:** Signals, NgRx, RxJS
- **Project Management:** Jira, Azure DevOps
- **Testing:** Cypress, Jest, Playwright

Professional Experience

Software Engineer | Insight Global | Mar 2023 – Nov 2023

- Developed a greenfield PWA for Alaska Airlines using Angular 15, Ionic 7, and Azure, enabling real-time flight tracking and cargo management
- Contributed to requirements gathering and system design through feasibility studies
- Implemented Ping Fed OAuth for secure user authentication

Software Engineer | KlickTrack | Mar 2022 – Oct 2022

- Designed and implemented online payments and QR code scanning features using Angular 15 and Ionic 7
- Refactored codebase from Angular 9 to 15, transitioning to a monorepo architecture with Nx and NgRx
- Resolved 32 critical backlog issues, improving system stability

Software Engineer | NCQA | Aug 2021 – Dec 2021

- Developed an MVP web application using React and Azure, securing a crucial Medicare contract
- Integrated healthcare data APIs (FHIR, HL7) for advanced data analysis and reporting
- Implemented real-time reporting and data visualizations for healthcare measures analysis

Freelance Developer | ApsisTech | Apr 2020 – Jul 2021

- Designed and developed Angular and Ionic web applications for local businesses
- Integrated features including online payments, interactive charts, messaging, and barcode scanning
- Optimized backend services for improved system performance and reduced operational costs

Web Application Developer | Rank Fantasy Sports | Aug 2018 – Apr 2020

- Developed a PWA using Angular and Ionic for a daily fantasy sports startup
- Enhanced user experience with intuitive sports statistics data analysis and visualizations
- Optimized app performance using Firebase, resulting in 22% faster load times and 30% reduction in churn

Web Application Developer | Reagor Dykes Auto Group | Feb 2017 – Aug 2018

- Created a PWA using Angular and Ionic, featuring immersive vehicle views with VR and 360-degree spin imaging
- Developed an Angular app for dealership analytics and sales data aggregation, enabling data-driven decision-making

Education

Bachelor of Science in Biology | Texas Tech University | May 2000