

# James Douglas White

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## Professional Summary

Senior Frontend Developer with 7+ years of experience specializing in Angular and Ionic frameworks. Proven track record in designing and developing high-performance Progressive Web Applications (PWAs) and mobile solutions. Expert in UI/UX design, cloud platforms, state management, and app optimization. Skilled in delivering complex projects from conception to deployment, with a focus on creating exceptional user experiences and data-driven performance improvements.

## Technical Skills

- **Frontend:** Angular, Ionic, Nx, TypeScript, HTML5, CSS3, Capacitor
- **UI/UX:** Figma, Material Design
- **Backend:** Node.js, Express.js, Serverless Functions, MongoDB Atlas, Google Cloud SQL
- **Cloud:** Azure Cloud, Google Cloud Platform (GCP), Firebase
- **DevOps:** Git, Docker, Kubernetes, Azure DevOps, GitHub Actions, Azure Pipelines
- **State Management:** Signals, NgRx, RxJS
- **Testing:** Cypress, Jest, Playwright
- **Analytics & Optimization:** Google Optimize, Firebase Analytics, Predictions, Crashlytics, Performance Monitoring, A/B Testing
- **Other:** RESTful APIs, OAuth, Stripe SDK, Twilio, Firebase Cloud Messaging

## Professional Experience

### Full-Stack Engineer | ApsisTech | Dec 2023 – Present

- Designed and developed a comprehensive nurse recruiting PWA and mobile apps providing job searches and candidate tracking using Angular, Ionic, and Capacitor
- Developed candidate and facility profile features, enabling both opportunity and candidate tracking, utilizing Firebase Firestore and Google Cloud SQL
- Implemented Google Cloud Talent Solution, providing advanced algorithms to match candidates with suitable job openings

### Software Engineer | Insight Global | Mar 2023 – Nov 2023

- Spearheaded development of a greenfield PWA and Android app for Alaska Airlines using Angular 15, Ionic 7, and Capacitor 2
- Collaborated with a 10-person engineering team to develop real-time flight tracking and cargo management features, establishing operational efficiency
- Integrated Ping Fed OAuth for secure user authentication, enhancing system security
- Participated in requirements gathering and system design through comprehensive feasibility studies

### **Software Engineer | KlickTrack | Mar 2022 – Oct 2022**

- Collaborated with an 8-person engineering team to develop a specialized point-of-sale system PWA and iOS app using Angular, Ionic, and Capacitor
- Implemented payment platform integration for webhook-enabled retail websites
- Refactored codebase from Angular 9 to 15 and Ionic 4 to 7, transitioning to a monorepo architecture using Nx
- Resolved 32 critical backlog issues, including a floating decimal discrepancy in the shopping cart, reducing churn and improving system stability

### **Software Engineer | NCQA | Aug 2021 – Dec 2021**

- Developed an MVP web application using React, Material-UI and Azure Cloud, securing a crucial Medicare contract
- Integrated healthcare data APIs (FHIR, HL7) with in-house data, providing data for real-time reporting capabilities
- Engineered data visualization tools for healthcare measures analysis using chart.js and Material-UI Data Grid

### **Full-Stack Engineer | ApsisTech | Apr 2020 – Jul 2021**

- Designed and developed a comprehensive fitness PWA for scheduling, payment, and customer management using Angular, Ionic, and Capacitor
- Integrated Stripe SDK for online payments and subscription models, increasing revenue streams
- Implemented app messaging using Twilio and Firebase Cloud Messaging, improving client-user communication by 40%

### **Full-Stack Engineer | Rank Fantasy Sports | Aug 2018 – Apr 2020**

- Developed a daily fantasy sports PWA and Android app using Angular and Ionic, enabling sports statistics analysis and lineup building
- Improved app performance by 22% and reduced churn by 30% using Google Analytics for Firebase, Firebase Predictions, Crashlytics, Performance Monitoring, and A/B Testing
- Implemented feature flags using Firebase Remote Config, enabling smoother updates and targeted feature rollouts

- Enhanced user experience with intuitive sports statistics data analysis and visualizations using chart.js and NGX-Datatable
- Designed UI/UX in Figma based on Google Material Design, ensuring visually appealing and user-friendly experiences

### **Full-Stack Developer | Reagor Dykes Auto Group | Feb 2017 – Aug 2018**

- Developed a auto imaging PWA and Android app featuring immersive vehicle views with VR and 360-degree spin imaging, increasing user engagement by 25%
- Created an Angular desktop app for dealership analytics, enabling data-driven decision-making and improving sales efficiency
- Utilized Firebase Functions for efficient data retrieval, processing, and business logic implementation

## **Education**

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