Sean Blonien

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WORK EXPERIENCE

Fly Bodies   **May 2024 – Present**
Director of Engineering   *Remote / Los Angeles, CA*
- Built and launched FlyFit, a B2B fitness app featuring fitness tracking and social challenges, using React Native, Expo, TypeScript, and Firebase; integrated Apple Health, Health Connect, and Fitbit platforms.
- Achieved over 1,500 organic downloads and $30K+ in first-year revenue with zero marketing spend.
- Engineered and implemented a real-time, serverless backend (Node.js, Firestore, GCP) supporting 300+ MAUs with autoscaling and enabling zero-refresh, local-first UX for dynamic feeds and leaderboards.
- Designed and implemented key gamification features (streaks, quizzes, goals), resulting in a 210% increase in user engagement.
- Spearheaded the full product lifecycle, defining the roadmap and executing technical design through weekly releases, establishing CI/CD via GitHub Actions/Expo EAS, and iterating based on user feedback.

Pariveda Solutions   **Jul. 2020 – May 2024**
- National mid-sized software consulting firm focused on cloud-native custom app dev and integrations.

Senior Software Engineer | Aug, 2022 – May 2024   *Dallas, TX*
- *Southwest Airlines*: Engineered a scalable, event-driven data pipeline processing 90,000+ employees, leveraging Kafka, GraphQL, and Java/Python microservices to integrate Workday with internal enterprise applications.
- *Girl Scouts*: Managed and mentored a team of 6 interns to centralize and automate 150+ business workflows via a SharePoint-based Process Library, significantly improving GSNETX operational efficiency.
- *Toyota*: Analyzed technical architecture for Toyota FS during an assessment, identifying key bottlenecks and recommending enhancements to support 1,500 dealerships and scale for 300K+ daily quotes.

Software Engineer | July, 2020 – Aug, 2022   *Dallas, TX*
- *UnitedHealthcare*: Led the front-end migration of UHC's $200M+ DTC eCommerce platform from AngularJS to React as Technical Lead, delivering a 5× faster UI, responsive design, and modern component architecture.
- *Optum*: Led development and delivery of a Medicare compliance ETL platform for 10M+ members using Terraform, Azure Data Factory, and Azure Pipelines. Promoted to Team Lead, driving project delivery, coaching developers, and leading client interactions while maintaining hands-on technical contribution.

Intern Engineer | May, 2019 – Aug, 2019   *Dallas, TX*
- *Girl Scouts*: Developed an interactive AI learning web app used by 2,200+ STEM camp participants, teaching ML concepts via image detection, facial recognition, and reinforcement learning within a gamified experience, built with Angular, .NET Core, and OpenCV.

EDUCATION

Baylor University   **May 2020**
Bachelor of Science, Computer Science   *Waco, TX*
- **GPA: 3.8/4.0**; *Cum Laude*; Dean's List 2018-2020
- *Minor in Business Administration*, VR Club founding member, ACM member, Computing for Compassion mentor
- *Capstone project*: Project manager and lead dev for a custom CMS platform for capstone projects for universities

SKILLS & INTERESTS

- **Hard Skills:** (*proficient*) TypeScript, JavaScript, React, React Native, Expo, CSS, Tailwind, NodeJs, GCP, AWS, NoSQL, Firebase, Python, Java, DevOps, Cloud Architecture, (*familiar*) Azure, PostgreSQL, ETL Pipelines, Data lake Architecture, Next.js, Angular, C#
- **Soft Skills:** Leadership & Mentorship, Cross-functional Collaboration, Product & User-Centric Thinking, Ownership & Accountability, Driving Innovation, Adapability, Excellence
- **Interests:** Marathon Running, Coding mentor, Golf, HIIT, Meditation, EDM/Festivals, VR games