

Aviad Churaman

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PROFESSIONAL SUMMARY

Full Stack Developer with expertise in React.js, Next.js, and TypeScript, specializing in AI-integrated applications and modern web architectures. Proven track record of building scalable solutions and improving system efficiency through data-driven development.

SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript, HTML5, CSS3, TailwindCSS, Bootstrap, Responsive Design, **React Native**
Backend: Node.js, Express.js, RESTful APIs, API Integration, Python, Java, JWT Authentication, **Deno**
Database: PostgreSQL, MySQL, Prisma ORM, Supabase, Firebase, Database Design, **SQLite**
AI & APIs: OpenAI GPT Integration, OpenLibrary API, Rate Limiting, Natural Language Processing, **TensorFlow.js**, ChompThis API
Tools: Git, GitHub, VS Code, Postman, Jira, Agile/Scrum, Vercel, CI/CD, **RevenueCat**, **Stripe**, **Expo**

EXPERIENCE

Technology Intern July 2024 – Present
Hotwire Communications Naples, FL

- Developed and implemented a database-driven labeling system using SQL and JavaScript, enhancing technician efficiency and reducing errors by 15%.
- Analyzed operational data and created visualization dashboards in Excel, improving resource allocation efficiency by 10%.
- Collaborated with the IT team to implement technical solutions for inventory tracking and management.
- Pursued continuous professional development through independent projects focused on React and modern JavaScript frameworks.

Application Developer Intern Sep 2023 – May 2024
YearUp Tampa, FL

- Engineered responsive full-stack web applications using **React**, **Node.js**, and **MySQL**, achieving 95% code coverage through testing.
- Designed and implemented mobile-first interfaces using **Bootstrap** and modern **CSS**, ensuring cross-device compatibility.
- Developed RESTful API integrations and comprehensive technical documentation, increasing team efficiency by 50%.
- Participated in agile development, including daily standups and sprint planning, to facilitate continuous improvement.

SELECTED PROJECTS

YourFit.ai (Startup) | *React Native, TypeScript, Deno, Supabase, OpenAI, Stripe* | Website Present

- Architected and developed a comprehensive cross-platform fitness app with ****80% MVP completion****, integrating **AI-powered workout and nutrition planning**.
- Engineered a robust backend using **Deno** and **Supabase** for secure user authentication, real-time data, and scalable storage with Row Level Security.
- Integrated secure payment infrastructure with **Stripe** and **RevenueCat** to manage subscription tiers, feature gating, and payment processing.
- Implemented an offline-first architecture using **SQLite** to ensure seamless user experience and data synchronization for workout tracking.
- Utilized **OpenAI's GPT-4 API** for personalized AI insights and **TensorFlow.js** for advanced analytics, including form analysis and progress prediction.

BookSearcher | *Next.js, TypeScript, PostgreSQL, OpenAI API, TailwindCSS* | GitHub | Demo Dec 2024

- Architected comprehensive book discovery platform using **Next.js 15** and **TypeScript**, serving 40+ million books through OpenLibrary API integration.
- Implemented AI-powered recommendation engine with **OpenAI GPT-3.5-turbo**, featuring natural language processing and smart rate limiting.
- Built secure authentication system with **JWT** and user favorites management using **PostgreSQL** and **Prisma ORM**.
- Designed responsive UI with glass-morphism effects using **TailwindCSS**, achieving optimal performance across all devices.

deepwork | *Swift* | GitHub Mar 2025

- Developed productivity application in Swift to enhance focus and manage deep work sessions with intuitive UI design.
- Implemented features for task categorization, session tracking, and progress visualization to optimize user workflow.

EDUCATION

YearUp&Pluralsight Software Development Academy Aug 2023 – Feb 2024
Full Stack Developer Certificate Tampa, FL

- Completed 1,000+ hour intensive full-stack development program with focus on **React.js**, **Express.js**, **JavaScript**, **Java**, and **MySQL**.
- Led team projects, ensuring 100% on-time delivery and adherence to code quality standards and best practices.
- Received recognition for outstanding project contributions and proficiency in front-end development.