

Aviad Churaman

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PROFESSIONAL SUMMARY

Full-Stack Developer with experience in React.js, Next.js and TypeScript, specializing in AI-integrated applications and modern web architectures. Proven track record in 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, 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.