Aviad Churaman

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Technical Skills

Languages: TypeScript, JavaScript, Python, Java, HTML5, CSS3, SQL
Frontend: React.js, Next.js, React Native, TailwindCSS, Bootstrap
Backend: Node.js, Express.js, Deno, RESTful APIs, JWT Authentication
Databases: PostgreSQL, MySQL, SQLite, Supabase, Firebase, Prisma ORM
AI/ML: OpenAI GPT Integration, TensorFlow.js, Natural Language Processing
Tools: Git, GitHub, VS Code, Docker, CI/CD, Vercel, Stripe, RevenueCat

Professional Experience

Technology Intern   **July 2024 – Present**
Hotwire Communications   *Naples, FL*
- Developed database-driven labeling system using **SQL** and **JavaScript**, enhancing technician efficiency and reducing operational errors by 15%
- Created comprehensive data visualization dashboards in Excel, improving resource allocation efficiency by 10% and enabling data-driven decision making
- Collaborated with cross-functional IT teams to implement scalable technical solutions for inventory tracking and management systems
- Pursued continuous professional development through independent projects, mastering **React** and modern JavaScript frameworks

Software Engineer Intern   **September 2023 – May 2024**
YearUp   *Tampa, FL*
- Engineered responsive full-stack web applications using **React**, **Node.js**, and **MySQL**, achieving 95% code coverage through comprehensive testing
- Designed mobile-first interfaces using **Bootstrap** and modern **CSS3**, ensuring seamless cross-device compatibility and optimal user experience
- Developed RESTful API integrations with comprehensive technical documentation, increasing team development efficiency by 50%
- Participated in agile development methodologies including daily standups, sprint planning, and code reviews to ensure continuous improvement

Featured Projects

YourFit.ai | *React Native, TypeScript, Deno, Supabase, OpenAI, Stripe* | [yourfit.ai](#)   **2024 – Present**
- Architected comprehensive cross-platform fitness application integrating **AI-powered workout planning** and personalized nutrition recommendations
- Engineered robust backend infrastructure using **Deno** and **Supabase** with secure authentication, real-time data synchronization, and Row Level Security
- Integrated secure payment processing with **Stripe** and **RevenueCat** for subscription management, feature gating, and monetization strategy
- Implemented offline-first architecture using **SQLite** ensuring seamless user experience and reliable data synchronization across devices
- Utilized **OpenAI GPT-4 API** for personalized insights and **TensorFlow.js** for advanced analytics including form analysis and progress prediction

BookSearcher | *Next.js, TypeScript, PostgreSQL, OpenAI, TailwindCSS* | [GitHub](#) | [Live Demo](#)   **December 2024**
- Built comprehensive book discovery platform using **Next.js 15** and **TypeScript**, providing access to 40+ million books through OpenLibrary API
- Developed AI-powered recommendation engine with **OpenAI GPT-3.5-turbo**, featuring natural language processing and intelligent rate limiting
- Implemented secure user authentication system with **JWT** and favorites management using **PostgreSQL** and **Prisma ORM**
- Designed responsive UI with modern glassmorphism effects using **TailwindCSS**, optimized for performance across all device types

deepwork | *Swift, iOS Development* | [GitHub](#)   **March 2025**
- Developed native iOS productivity application in **Swift** to enhance focus and manage deep work sessions with intuitive, user-centered design
- Implemented advanced features including task categorization, session tracking, and progress visualization to optimize user workflow and productivity

Education

Full Stack Developer Certificate | YearUp & Pluralsight Software Development Academy | Tampa, FL | Aug 2023 – Feb 2024
Completed 1,000+ hour intensive program in React.js, Express.js, JavaScript, Java, and MySQL with focus on full-stack development