Yair Beltran

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EDUCATION

Monterrey institute of technology (ITESM)   Guadalajara, MX
B.S. in Computer Science and Technology | Relevant Courses   *GPA: 92/100*

EXPERIENCE

Software Engineering Intern   Ago. 2023 – Apr. 2024
Sidepocket Inc   *San Francisco, CA*
- Achieved a remarkable 3x performance boost by migrating the codebase to the cutting edge Next.js app router.
- Implemented an eficient, robust and reliable strictly typed API with tRPC that handled secure authorization and database integration in both front-end and back-end.
- Developed a responsive web application with lively and animated components using React, Next.js, and Tailwind CSS, enhancing the user experience.
- Utilized advanced techniques such as data hydration, static page generation, and complex routing for enhanced efficiency.

Full-stack Developer   Dec. 2022 – Ago. 2023
Molina Group   *Hermosillo, MX*
- Increased user satisfaction by 30% by building a React Native frontend with Maps SDK, Navigation API, and CSS frameworks for better grapevine navigation.
- Enhanced data accuracy by 100% by creating a secure system with FastAPI and PostgreSQL for faster data visualization and recording.
- Optimized app performance by 30% leveraging the power of React Native and utilizing best practices in software development, resulting in faster loading times and improved responsiveness.

PROJECTS

Financial Webapp | *Next.js, Typescript, Tailwind, Strapi, tRCP*
- Used Next.js to create a webapp that connects to multiple API's that track user's investments and allows transactions.
- Integrated Tailwind CSS for responsive and visually appealing user interfaces, enhancing the overall user experience and engagement.
- Deployed tRCP to establish a secure and reliable API layer, facilitating seamless communication between the frontend and backend systems for enhanced transactional capabilities.

3D portfolio | *Three.js, Typescript, Next.js, Tailwind, FramerMotion*
- Utilized Three.js to integrate 3D graphics and animations seamlessly into the portfolio, providing visually stunning and immersive experiences for visitors.
- Utilized Next.js for server-side rendering resulting in heavy optimization and 3x faster loading times
- Integrated Tailwind CSS and FramerMotion for responsive and visually appealing user interfaces, enhancing the overall aesthetics and usability of the portfolio website.

AWARDS AND CERTIFICATIONS

Open source software development | *The Linux Foundation*   Dec 2023
- Gained insight into open source software dynamics, governance, and community collaboration.
- Mastered essential Linux system components for confident participation in open source development.

Leaders of Tomorrow Full-scholarship   May 2022
- Awarded a full-scholarship for academic excellence, leadership potential, and social commitment.
- Selected from a pool of 25,000 participants with outstanding academical record.

TECHNICAL SKILLS

Languages: TypeScript, HTML/CSS, Python, C/C++, SQL (Postgres), R
Frameworks: Next.js (React), Node.js, Flask, .NET, ShadCN, Three.js, WordPress, Material-UI
Developer Tools: Azure, Amazon Web Services, Google Cloud Platform, Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Sublime
Technologies: Generative AI, Plaid, FastAPI