

IAN MANN

ian-mann.com - (215).850.6426 - iancmann99@gmail.com - linkedin.com/in/iancmann99 - github.com/ianmannn

- TECHNICAL SKILLS -

TypeScript, JavaScript (ES6+), React, Next, Vite, Node, Express, SQL (PostgreSQL), NoSQL (MongoDB, Supabase), AWS (RDS, DynamoDB, S3), Git/Github Workflow, Redux, React-Router, RESTful APIs, Tailwind CSS, GSAP, CI/CD with Vercel, Docker, OAuth, Jest, HTML5, Sass + CSS, Webpack, Jira, Tensorflow.js, OpenAI API, Python, C++, Figma, WordPress

- SOFTWARE ENGINEERING EXPERIENCE -

Software Engineer / AI Engineer - *VerifyAI*(Bitpay) Jan 2025 - Present

Partnered with the engineering team at BitPay to build a new LLM-powered application for their compliance team

- Built a 0-1 AI-powered web application for compliance verification, partnering with a cross-functional team and the engineering team at Bitpay to reduce the manual efforts of their compliance team by 60%
- Constructed a responsive UI with React and Tailwind CSS, creating reusable components, optimizing layout structures for different screen sizes, and implementing styling to create a smooth and interactive interface for users and user experience
- Embedded OpenAI and Pinecone for content analysis, leveraging vector embeddings to enhance similarity searches, optimize query performance, and enable high-accuracy retrieval in AI-driven verification workflows
- Incorporated UI/UX animations using GSAP, enhancing user interactions with fluid transitions, staggered animations for content loading, and performance-optimized motion effects to improve engagement without sacrificing responsiveness

Co-Founder, Software Engineer - *NextLevel* May 2024 - Dec 2024

Collaborated in founding a startup to build an open-source application for Next.js developers

- Developed an open-source real-time dashboard for Next.js applications by leading a team of 4 engineers, enabling users to easily visualize and accurately track key metrics of their applications' performance
- Designed the dashboard in Next.js, implementing incremental static regeneration for real-time metric updates, dedicated API endpoints for tracking, and modular layouts to streamline development and ensure maintainability
- Integrated an Express.js and Node.js backend, building middleware for CORS management and request validation while structuring authentication flows and optimizing MongoDB queries for efficient, scalable data operations
- Engineered a React-based application, engineering custom hooks for modular data fetching, component-based metric visualization, and centralized state management with Redux to ensure instant updates and fluid user interactions
- Implemented authentication in NextAuth and OAuth, configuring Google and GitHub providers, refining session callbacks for enriched user data, and managing JSON Web Tokens for secure, efficient role-based access control
- Configured a NoSQL database in MongoDB, designing a flexible and scalable schema-less architecture to manage user profiles and application metrics while optimizing data retrieval and backend security

- ADDITIONAL EXPERIENCE -

Marketing Intern - *EGA Homes: Real Estate Agency For Veterans* Jan 2023 - Jun 2023

- Collaborated in a cross-functional environment to plan and design a front-end website, creating interactive prototypes in Figma to visualize user flows and align design elements with project goals and specific client interaction
- Created and continually customized a website using WordPress, applying HTML and CSS to enhance layout and design, ensuring a responsive and user-friendly experience across devices

Marketing Assistant - *MG3 Media: Real Estate Marketing* Feb 2022 - Jun 2023

- Led planning and production of client marketing content, working closely with internal team members and external clients to improve message clarity, highlight core product value, and increase viewer engagement across digital platforms.

- EDUCATION -

Codesmith - *Artificial Intelligence/Machine Learning Technical Leadership Program* 2025

Codesmith - *Software Engineering Immersive* 2024

University of California, Riverside - *Bachelor's in Finance* 2023

- **Extensive coursework in Computer Science, including:** *Intro to Computing(Data Structures)* - *Computer Science for Science, Math & Engineering I & II (C++ and Python)* - *Information Technology Management(SQL and NoSQL)*
- **Achievements:** 2022 UCR President of the Year - UCR Chancellor's List - UCR Achievement Scholarship

- TALKS AND PUBLICATIONS -

Tech Talk Sponsored By Scismic - "*A Deep Dive Into Neural Networks*" Jul 2024

Medium Article About NextLevel - "*NextLevel: Optimize Your Next.js Applications*" Aug 2024

- MORE ABOUT ME -

Hobbies: Finding new places to fish, trying to climb the chess.com ranks, and making new playlists on Spotify