

J.T. Kazousky

Software Engineer

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Detail-oriented Software Engineer proficient in JavaScript, TypeScript, Postgres, SQL, MongoDB, Go, CSS, and Solidity. Demonstrates a strong aptitude for developing robust, scalable software solutions and a keen ability to adapt to and master new technologies.

Experience

Freelance | Software Engineer

May 2023 - Present

- Initiated and guided the design and implementation of scalable, maintainable applications with Next.js, TypeScript, enhancing system reliability and user scalability.
- Developed custom features and functionality to enhance user experience and drive business growth, collaborating closely with product managers and cross-functional teams.
- Drove the integration of OAuth for user authentication, tripling user engagement through enhanced profile functionalities, as evidenced by a 350% surge in active users over six months.
- Engineered and deployed RESTful APIs effectively integrating third-party services to efficiently streamline data flow and improve system performance.

JOYWORLD | Software Engineer

June 2021 - May 2023

- Architected scalable software solutions for web and mobile platforms, enhancing user experience through performance optimizations, and significantly boosting customer satisfaction.
- Led collaborative efforts with cross-functional teams to define requirements and design robust systems, ensuring alignment with business objectives and elevating project delivery quality.
- Pioneered the integration of innovative technologies and frameworks, advancing development practices and product capabilities, demonstrating a commitment to continuous learning and excellence.

PNC Bank | Loan Analyst

December 2018 - June 2021

- Analyzed and assessed loan applications with data-driven precision, paralleling engineering practices to ensure top-tier code quality and system reliability, enhancing decision-making processes.
- Optimized loan processing workflows for federal compliance, securing a top performer status through adaptability and process innovation, leading to enhanced efficiency and accuracy.

Projects

Enchanted Castle API

November 2023 - Present

- Directed the full-cycle development of 'Enchanted Castle', achieving sub-100ms response times through focused performance optimizations, significantly elevating user satisfaction.
- Designed and implemented infrastructure with Go and GORM, facilitating seamless database interactions with Postgres across 900+ tables, enhancing data management efficiency.
- Optimized data retrieval and storage processes, achieving a scalable and responsive application architecture that supports high-volume user interactions.

Chainlink Hackathon - Wormhole Fishing NFT

April 2023 - June 2023

- Developed an NFT platform, leveraging Next.js and Solidity, to demonstrate versatility in both frontend and smart contract development.
- Enhanced user experience with dynamic content via Chainlink API, showcasing skills in API integration and real-time data processing.
- Applied solid principles in software architecture and security through efficient smart contract design, reflecting a strong foundation in coding and problem-solving.

Education

Placement Labs Web3 Bootcamp

September 2023

University of Pittsburgh

August 2014 - April 2018

- Bachelor of Science - Finance