



## SUMMARY

With a background in full-stack development, I've had the opportunity to work on diverse projects, leveraging technologies like React/Next.js, TypeScript, Node.js, and more. From building robust backends to creating intuitive front-end interfaces, I enjoy every aspect of the development process.

## WORKING EXPERIENCE

### FULLSTACK ENGINEER - IRON GRID

**June 2023 - Present**

- Developed a comprehensive web application leveraging Next.js and TypeScript to create a responsive, user-friendly interface.
- Integrated OAuth-based authentication, enabling secure and seamless user login through various providers.
- Utilized Supabase and Postgres for backend development, focusing on efficient data storage, retrieval, and management.
- Worked extensively with APIs to enhance application functionality and improve user experience.
- Employed CSS for frontend styling, ensuring a visually appealing and intuitive UI.
- Managed codebase using Git/GitHub, adhering to best practices for version control.
- Implemented CI/CD pipelines for automated testing and deployment, enhancing application reliability and development workflow.

### FRONTEND ENGINEER - JOYWORLD, INC

**June 2021 - Jan. 2023**

- Developed user-centric Web3-enabled marketplace with React and Next.js, focusing on performance and scalability.
- Utilized TypeScript and Web3.js for type-safe code and secure Ethereum smart contract interactions.
- Employed GraphQL and MongoDB for efficient data retrieval and robust storage, serving both web and NFT use-cases.
- Integrated multiple APIs to enhance application functionality for both traditional web and blockchain platforms.
- Managed backend using Deno.js and deployed on AWS for high performance and reliability.
- Implemented CI/CD pipelines for automated testing and deployment, optimizing the development workflow.

### LOAN ANALYST - PNC BANK

**Dec. 2018 - June 2021**

- Reviewed and analyzed loan applications, applying data-driven techniques to assess creditworthiness, similar to evaluating code quality and system reliability in engineering.
- Adapted workflows to comply with federal regulations, demonstrating adaptability to procedural changes, a skill transferable to agile software development environments.

## PROJECTS

### CHAINLINK HACKATHON - WORMHOLE FISHING NFT

**Apr. 2023 - June 2023**

- Engineered a decentralized application (dApp) with a robust backend API utilizing Go, seamlessly allowing users to mint and trade unique NFTs on the blockchain using Chainlink functions.
- Integration of Chainlink Functions: Integrated Chainlink functions to securely fetch and display real-time external data, enhancing NFT metadata dynamically with accurate information, adding value and functionality to the NFTs.

### NOLENBRAD WARRIORS - FULLSTACK WEB APP

- Utilized Chainlink's VRF Coordinator to generate random attributes for each warrior token, ensuring that no warrior could be sniped with specific attributes.
- Demonstrated expertise in full-stack web3 engineering by building a complex NFT project from the ground up.
- Promoted innovation by utilizing Chainlink's VRF Coordinator to generate random attributes for each warrior token.

## EDUCATION

**2023 - PLACEMENT LABS BOOTCAMP - WEB3**

**2018 - UNIVERSITY OF PITTSBURGH - B.S. OF FINANCE**