

Kevin Martinez

Blockchain, Full Stack

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GitHub: <https://github.com/hexnome>

SKILLS

- **Programming languages:** Assembly, C++, Java, JavaScript, Python, Rust, Golang
- **DB:** Oracle, MySQL, PostgreSQL, MongoDB, Redis, Firebase, Supabase
- **DevOps:** AWS, Azure, Gitlab, Docker, CircleCI, Jira, Kubernetes, Gradle
- **Web:** React, Vue, Laravel, Next, Nuxt, Express, Django, Gin, Echo
- **Blockchain:** EVM, Solana, Near, Aptos, Polkadot, Sui, DeFi, P2E, NFT

WORK EXPERIENCE

Arvik Innovatiove Solutions

Software Engineer

Toronto, Canada

Aug 2019 – Feb 2023

- Spearheaded full life-cycle software development in multiple software environments.
- Designed and implemented scalable and efficient backend systems using Node, Java, Golang and Django, and optimized MongoDB and PostgreSQL performance through query optimization, indexing, and normalization.
- Wrote 20+ lambda functions in Node.js/Python to AWS Lambda with API Gateway and Cloud Formation.
- Completed frontend projects as well, using Next, Nuxt and migrated old Angular projects to recent versions.
- Engineered, validated, and released secure smart contracts on various blockchain platforms, especially on EVMs and Solana. Successfully released 24+ contracts.
- Integrated Web3 on both front-end and back-end side using Ether.js, Web3.js.
- Conducted security audits and resolved vulnerabilities in smart contracts, back-end, as well as mobile programs. Ensured the safety of sensitive data and prevented potential security breaches.
- Led the development process of 5+ web2 and blockchain-related projects and mentored 2 junior developers. Successfully completed all projects on time and within budget.

Scripts

Full Stack Developer

Toronto, Canada

Sep 2016 – Jul 2019

- Stayed current with emerging technologies and developed 10+ mobile applications.
- Designed, developed, and deployed 20+ full-stack web applications tailored to the business objectives and needs of various clients using Angular, React, Vue, Express, MySQL, PostgreSQL, and MongoDB.
- Led the successful migration of an existing monolithic app from Python 2x and Flask to Python 3.x and Django, resulting in improved performance and compatibility. Additionally, accelerated future schema migrations by 30% through the implementation of optimized SQL scripts.
- Worked as a part of a team on several Spring and Angular projects, developing new features, as well as fixing bugs and optimizing performance.
- By implementing SEO techniques in a React application with server-side rendering (SSR) using Next.js and Gatsby, successfully boosted page views per session by 23% for an e-commerce site with a catalog of 20,000+ products.
- Performed test and audit for 12+ projects across the Netizens codebase, ensuring data safety and system performance.

EDUCATION

University of Windsor

Computer Science/Bachelor

Windsor, Canada

May 2013 – Nov 2016

RECENT WORKS

- Reavers <https://reavers.xyz>
Found and fix the exploits in whole projects and optimized firebase calls.
- The Hoopas <https://box.3paxl.com>
Audited backend code, made smart contract, backend for pNFT staking.
- GoalPost <https://goalpost.gg>
Lead the project development for a poker platform.
- Doodle Bunny <https://doodlebunnyflr.live>
Completed frontend, smart contract with solidity, web3 using next.js, solidity and ether.js.