

Kyle Johnson

Senior Full Stack and Blockchain Developer

✉ kyleflynn.johnson1125@gmail.com 📍 Québec, Quebec, Canada 📅 25/11/1992

PROFILE

- Architected and developed enterprise-level applications, leading teams of up to 20 developers over 7+ years.
- Focused solely on decentralized application development for the past two years, collaborating with cross-functional teams.
- Deployed over 10 decentralized applications on various blockchain networks (including Ethereum, Binance Smart Chain, Polygon, EOSIO, and TON), attracting more than 2,000 daily active users across multiple sectors.
- Served as an Agile coach, implementing Agile methodologies in more than four organizations by coaching and mentoring teams of up to 50 people.
- Facilitated various Agile workshops, reaching over 200 participants, resulting in an average satisfaction rate of 95%.
- Proficient in using Figma to create visually stunning and user-friendly designs for digital interfaces.

PROFESSIONAL EXPERIENCE

Senior Full Stack Engineer

08/2023 – 12/2023

MC² Finance

- Developed responsive web applications using Vue.js(Vue3), HTML, CSS, and JavaScript.
- Implemented server-side functionality using Rust and built RESTful APIs.
- Designed and optimized database schemas using PostgreSQL.
- Collaborated with cross-functional teams to identify and prioritize development tasks.

Senior Software Engineer

06/2023 – 09/2023

Soteria Smart Contracts Inc.

- Collaborated with cross-functional teams to develop and deploy smart contracts on the Ethereum blockchain using Solidity.
- Implemented functionalities for decentralized applications (DApps) by integrating smart contracts with front-end using Web3.js. Designed and developed responsive user interfaces using React.js, Typescript, and Tailwind CSS. Ensured code quality and adherence to best practices through comprehensive testing and code reviews. Integrated blockchain wallets, such as MetaMask, for secure transaction handling.
- Managed state using Redux, ensuring efficient data flow and seamless user experience.
- Worked closely with product managers and designers to deliver user-centric features and enhancements.

Senior Software Engineer

06/2020 – 03/2023

NewKnow

- Designed and programmed a supply chain management system utilizing blockchain technology, resulting in a 50% reduction in tracking errors.
- Developed decentralized applications such as NFT marketplaces, crowdfunding platforms, and decentralized exchanges, attracting over 2,500 daily active users cumulatively.
- Integrated prominent DeFi protocols like Uniswap, Compound, and Aave with decentralized applications, allowing seamless access to financial services for over 3,000 users.
- Constructed smart contracts on Ethereum and Binance Smart Chain blockchains using Solidity programming language, providing secure execution of business logic for 5 different enterprise clients.
- Implemented end-to-end ERP Blockchain API solutions for SyncFab customers using blockchain and other SyncFab services using Golang, Gorilla Mux and Go-Web3.

Full Stack Engineer

08/2018 – 05/2020

Austin

- Cooperated on the development of an e-learning platform for a top Edtech company, resulting in a 40% up in user satisfaction ratings.
- Built robust backend systems exploiting Node.js, Express.js and MongoDB that supported over 10,000 concurrent users with zero downtime.
- Integrated payment gateways such as Stripe, Braintree and PayPal into the e-learning platform, facilitating over \$500,000 worth of transactions per month.
- Created unique and intuitive user interfaces across the platform using React.js, Bootstrap, and Material UI that generated a 30% growing up in user engagement.

- Developed and maintained Golang microservices for a large-scale, high-throughput cybersecurity platform with 6 developers in the team.

Lead Full Stack Engineer

07/2017 – 07/2018

PageCloud Inc.

- Spearheaded the development of a highly-scalable e-commerce platform utilizing Django, JavaScript and MySQL which increased customer satisfaction by 35%.
- Designed RESTful APIs and microservices to enhance the platform functionality, leading to a 50% reduction in response time and a 40% increase in traffic.
- Collaborated closely with designers and product managers, to ensure the platform usability and scalability, and delivered a superior user experience that resulted in a 30% boost in sales.
- Implemented RESTful APIs to connect React applications with backend services using Go channels and Go routines.
- Designed and implemented highly scalable solutions by leveraging concurrency primitives such as multithreading, semaphores etc., along with best practices like TDD (Test Driven Development).

Frontend Web Developer

04/2016 – 06/2017

CivilCode Inc.

- Constructed and sustained web applications leveraging Ruby on Rails, React, and MySQL that received 95% positive user feedback.
- Automated testing and implemented continuous integration into the development process to reduce errors by 50% and decrease production time by 30%.
- Contributed to code reviews and provided constructive feedback to team members that resulted in a 25% improvement in overall code quality and best practices.
- Built more than 10 highly functional websites successfully from Figma designs that met all requirements and increased traffic by 40% on average.

Full Stack Developer

07/2015 – 03/2016

Hopper

- Developed and maintained web applications using Django, Javascript, and MySQL technologies that resulted in a 25% raise in user engagement and a 15% increase in company revenue.
- Worked with a team of 5 developers in an Agile environment to deliver 10 projects within strict deadlines, exceeding client expectations by consistently achieving a 95% satisfaction rate based on feedback surveys and delivering high-quality work that resulted in a 20% elevate in client retention.
- Implemented responsive design, resulting in a 60% increase of mobile users accessing the website, which positively impacted user experience and engagement.
- Optimized cross-browser compatibility, decreasing user complaints related to browser issues by 20%.
- Improved understanding of all aspects of Golang Backend Development with the assistance of senior developers on the team.
- Worked with a team of 15+ developers to participate a Golang Restful and GraphQL API for the company's mobile app utilizing Gin, Gorilla MUX, Gqlgen and GORM.

EDUCATION

Bachelor of Science - BS

09/2011 – 07/2015 | Canada

Queen's University

SKILLS

Frontend

React.js, Next.js, Angular, Vue.js, Web3.js, Nuxt.js, Gatsby.js, Electron.js

Backend

Node.js, Express.js, Python, Django, Flask, Firebase, Laravel, Symfony, CI, Apollo, Rails

Database Architecture

SQL, SQLite, MongoDB, MySQL, PostgreSQL

Blockchain

EVM blockchains, Solana, TON, EOSIO, Web3.js, Ethers.js, Exchange, Staking, Yield Farming, NFT, Liquidity Pool, Swap(Uniswap, Sushiswap, Pancakeswap), Metaverse integration

Programming Languages

Javascript, Typescript, Solidity, Rust, Golang, C#, Python, PHP, GraphQL, Ruby, Java

LANGUAGES

English



INTERESTS

Football | Swimming | Basketball