JAMES ZHENG

SENIOR FULL STACK & BLOCKCHAIN DEVELOPER

CONTACTS

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📍 Montreal, Canada

SUMMARY

Result-driven Senior Full Stack Developer with proven track record of building scalable, high-performance web applications, and driving business growth, Strong leadership skills in mentoring teams, optimizing workflows, and fostering collaboration, Proficient in React.js, Next.js, Angular.js,Node.js and modern JavaScript frameworks, Strong expertise in data integration and optimized database management.
Passionate about innovation, blockchain technology, and creating efficient, seamless, and maintainable digital solutions.

SKILLS

HTML, CSS, JavaScript

React, Next, Angular

Node.js, Express, Django

Python, Laravel, PHP

MongoDB, MySQL, PostgreSQL

Blockchain, Solidity, Web3.js

Ethereum, Smart Contract Development

TRAINING

Wordpress, Shopify

LANGUAGES

| CHINESE | Native | ●●●●● |
| ENGLISH | Proficient | ●●●●○ |

EXPERIENCE

Datarockets, Toronto   10/2023 - 02/2025
Senior Full Stack Developer
- Collaborated with a cross-functional team including UX/UI designers and product managers to optimize user interfaces, resulting in a 35% increase in user engagement and improved customer retention.
- Developed and maintained multiple full-stack web applications using technologies such as React, Node.js, Express, MongoDB, and GraphQL, enhancing performance and reducing load times by 30%.
- Designed and implemented dynamic backend services, ensuring the integration of third-party APIs and payment gateways, which reduced the time to complete transactions by 25%.
- Identified and resolved bottlenecks in code execution and database queries, improving overall system responsiveness and achieving a 40% reduction in server costs through optimized architecture.
- Led troubleshooting sessions and debugging processes, overcoming security vulnerabilities and ensuring zero downtime during deployment, which helped maintain 100% uptime for users.
- Collaborated on testing and QA efforts, resulting in the identification of critical bugs before production, reducing post-launch issues by 50% and ensuring smoother user experiences.

247 Labs Inc, Toronto   05/2021 - 09/2023
Full Stack Developer
- Led multiple projects from concept to completion, ensuring timely delivery and alignment with client goals.
- Enhanced a MongoDB, Express.js, React, and Node.js (MERN)-based e-commerce system, optimizing the checkout process by 20%, resulting in a 15% higher conversion rate and contributing to over $2 million in annual revenue.
- Optimized web applications with Tailwind CSS, achieving full mobile responsiveness and improving user satisfaction scores by 35%.
- Developed a scalable data storage system using React, Node.js, and Express.js, optimizing retrieval times by 50% and improving efficiency for 500,000+ active users.
- Implemented both MongoDB and PostgreSQL to optimize data management, resulting in a 25% improvement in data retrieval times and enhanced overall system performance.
- Spearheaded the development of a feature-rich analytics platform, integrating HTML5,CSS3, and React, boosting customer insights by 35%.

Many Hats, Burnaby   08/2018 - 04/2021
Full Stack Developer
- Developed and deployed 5+ scalable web applications with React, Node.js, and MongoDB, improving system efficiency and supporting 100,000+ users.
- Contributed to the development of a customer support chatbot utilizing AI technologies, enhancing response times by 40%.
- Reduced website load times by 40%, leading to a 25% increase in user retention, through lazy loading, code splitting, and image optimization.
- Designed and maintained a blockchain-based real estate platform using Next.js and TypeScript, increasing site speed by 40% and boosting user engagement.
- Developed blockchain-based authentication solutions, improving security and decentralization, reducing unauthorized access by 60%.

EDUCATION

Algoma University | Ontario   2014 - 2018
Bachelor of Computer Science