HeXiao

Senior Full Stack developer

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Summary

With 8+ years of full-stack development experience, I specialize in React.js, Vue.js, Next.js, and backend technologies like Node.js, Nest.js, Laravel and Ruby on Rails. I have a strong track record in developing, deploying, and optimizing high-performance web applications. My expertise spans both front-end and back-end development, creating seamless user experiences and managing server-side logic. I write clean, maintainable code and work closely with cross- functional teams to deliver high-quality software, consistently exceeding expectations in fast-paced environments.

Education

Bachelor degree of Computer Science, *Tianjin University*

09/2013 – 07/2017
Tianjin, China

Professional Experience

Senior Full Stack Engineer, *Gymsales*

06/2024 – 02/2025
Texas, US

- Developed and maintained features for GymSales' customer engagement platform, integrating Vue.js for the front-end with Laravel which is PHP framework for the back-end.
- Built responsive, dynamic user interfaces using Vuetify and Vant, improving lead tracking and member onboarding flows for fitness centers.
- Created and consumed RESTful APIs using Laravel, ensuring fast and secure data exchange between the client and server.
- Designed and optimized SQL Server queries and schemas to support scalable customer and sales data operations.
- Managed user authentication and role-based authorization using JWT and OAuth2.
- Integrated third-party APIs for SMS, email marketing, and scheduling tools to enhance communication automation.
- Utilized Azure DevOps for CI/CD pipelines and deployments, improving delivery speed and reliability.
- Collaborated with cross-functional teams (QA, design, product) in an Agile/Scrum environment, participating in sprint planning, daily stand- ups, and code reviews.
- Reduced lead conversion time by 30% by redesigning the lead intake flow with React Hooks and optimized API calls.
- Improved API response times by 0% through backend optimization and database indexing strategies.

Senior Full Stack Engineer, *FairGame Inc*   10/2023 – 04/2025
                                                                              CA, US
- Built and maintained a high-performance crypto trading platform using Vue.js and Node.js.
- Designed scalable RESTful APIs and WebSocket services for real-time trading, account management, and market data.
- Developed and optimized trading modules for order submission, status management, and history tracking.
- Enhanced fund management features, including deposit/withdrawal and multi-currency support, with KYC and encrypted transactions for security.
- Implemented performance optimizations such as virtual scrolling, lazy loading, and code splitting to improve load times and responsiveness.
- Deployed microservices using Docker, managed with Github Actions, and served through NGINX on cloud infrastructure.

Full Stack developer, *Medical Media Inc*   04/2012 – 12/2014
                                                                              NY, US
1. Factory Management System (React/Node)
- Designed and implemented the full-stack architecture for the factory management system using React for dynamic UI and Node.js for backend APIs.
- Developed order management and production scheduling modules, ensuring timely production and delivery through integration with internal systems for real-time production and inventory tracking.
- Built a product management system with real-time inventory updates using Node.js and MongoDB/MySQL.
- Implemented WebSocket for real-time progress tracking and order updates.
- Automated production reports and data analysis to aid decision-making.
- Optimized front-end performance with React lifecycle management, Redux for state management, and API optimizations to reduce latency.
2. Logistics Management System (Vue/Laravel)
- Built the front-end logistics management interface using Vue.js, ensuring a clean and user-friendly design for tracking logistics and order progress.
- Integrated third-party logistics systems via API for real-time order tracking and updates.
- Developed the back-end using Laravel, designing RESTful APIs for managing orders, customer info, and delivery statuses.
- Created a backend admin system for managing and intervening in orders, such as modifying delivery addresses or times.
- Developed a user account management system with registration, login, and password reset features, alongside a notification system for order status updates via email and SMS.
- Implemented data analysis and reporting tools to improve logistics efficiency based on regional and time-based order data.
3. Project Collaboration & Management
- Collaborated closely with product managers, designers, and back-end developers to ensure accurate implementation of requirements and timely feedback on development progress.
- Participated in Agile development cycles, including requirements reviews, technical discussions, and iterative development to meet project deadlines and quality standards.

- Regularly communicated with the team, contributing to problem-solving and technical discussions to improve team efficiency and solution quality.

Senior Lead Developer, *Sun-Groupe Inc*   09/2020 – 06/2022
1. Main Project Development (Vue + Laravel)   Beijing, China
- Led full-stack development of the company's main website using Vue for dynamic interfaces and Laravel for efficient backend APIs, ensuring smooth data interaction and an improved user experience.
- Designed and implemented user registration, login, and profile management modules with Laravel authentication modules and authorization for enhanced security.
- Utilized Vuex and Pinia for global state management, optimizing page performance and ensuring seamless execution of complex business logic across pages.
- Developed core e-commerce features, including product display, cart management, and order generation, ensuring data consistency and synchronization.
- Collaborated with the design team to implement responsive design, ensuring a great user experience across all devices.
2. New Product Advertising Website (React + Node.js)
- Developed and optimized a product advertising website, utilizing React and Node.js for interactive, dynamic features.
- Included product descriptions, feature demos, promotional activities, and user-submitted forms to generate leads and integrate data into a CRM system for marketing follow-ups.
- Implemented high-performance data loading and display using asynchronous data loading and lazy loading techniques to ensure fast page load times.
3. Front-End & Back-End Performance Optimization
- Improved front-end load times using React's lazy loading, code splitting, and other performance optimization techniques.
- Optimized Node.js back-end APIs with caching, batch queries, and database indexing, resulting in faster response times.
- Utilized Webpack and Babel to bundle and transpile front-end resources, enhancing page load and execution performance.
. Testing & Deployment
- Wrote unit and integration tests using Jest and Mocha for front-end and back-end functionality, ensuring high code quality and system stability.
- Configured CI/CD pipelines with Jenkins and GitHub Actions for automated build and deployment, increasing development efficiency.
- Deployed applications to AWS, utilizing Docker for containerized deployment, ensuring scalability and ease of maintenance.

Junior Software Engineer, *DXT Technical Inc*   09/2019 – 04/2020
1. Front-End Development & Page Design   Shen Yang
- Developed and optimized web pages using HTML, CSS, PHP, JavaScript, and TypeScript, ensuring responsive design and cross-browser compatibility.
- Wrote efficient, modular code and used CSS Flexbox and Grid layouts for complex webpage designs, ensuring a great user experience.
- Assisted in designing and implementing front-end features, such as user authentication, form handling, and data presentation, with JavaScript interacting with back-end systems.
2. Learning & Applying PHP, Angular, React

- Gained hands-on experience with PHP, Angular, React, developing dynamic single-page applications and static websites.
- Used React Router for seamless navigation between pages, ensuring smooth user transitions and enhanced user experience.

3. Back-End Learning & C#, Node.js, Laravel Application
- Gained proficiency in Node.js and Laravel, assisting in the development and debugging of RESTful APIs.
- Collaborated with front-end developers to ensure API designs met front- end needs and contributed to implementing data access and user authentication.
- Set up development servers in Node.js and used Express.js to handle HTTP requests and responses.

. Version Control & Team Collaboration
- Managed code versions using Git and GitHub, ensuring efficient version control, merging, and deployment.
- Participated in code reviews with team members, learning and improving code quality while maintaining strong communication and collaboration within the team.

Language

- English
- Chinese
- Japanese

Skills

React — Expert
React Hooks, Redux, Antd, MUI

Vue.js — Expert
Vuex, Pinia, Vuetify, Element-plus, Vant

Next.js — Expert
SSR(Server Side Rendering), SSG(Static Site Generation), API routes, SEO

React Native(Expo) — Proficient
React Native Paper, NativeBase, React Native Elements, UI Kitten, React Navigation, React Native Navigation

Node.js
JavaScript, Express, Mongodb

Nest.js — Expert
TypeScript, REST API Design, GraphQL Integration, TypeORM / Prisma / Sequelize, TCP, Redis, NATS, MQTT

Laravel — Expert
Redis, Rabbit, Elastic Search, My SQL, Mongodb

Ruby on Rails — Proficient
PostgreSQL / MySQL, RSpec, JWT / OAuth2

HTML5, CSS3, Tailwind CSS, TypeScript, JavaScript, Axios

WebSocket, Vite, Webpack, Git, Docker, Jest