Joey Wang

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Summary

Visionary Senior Software Engineer with over two decades of expertise in cutting-edge web development, specializing in Ruby on Rails applications. Proven innovator with a track record of architecting high-performance, scalable software solutions that drive business growth and enhance user experiences. Passionate about leveraging technology to solve complex problems and deliver exceptional value.

Core Competencies:

- Full-Stack Web Development: Ruby on Rails, JavaScript, Node.js, React Native
- Programming Mastery: Ruby, JavaScript, PHP, Python, C++, Java
- Database Design & Optimization: PostgreSQL, MySQL, MongoDB, Oracle
- Best Practices: Agile/Scrum, Test-Driven Development (TDD), Pair Programming, Code Review
- Performance Optimization & Scalability
- UI/UX Design Principles
- RESTful API Design & Integration

Professional Experience:

Kitman Labs (Feb 2023 – July 2023): Senior Web Engineer

- Spearheaded development of cutting-edge athlete management and performance tracking features
- Boosted application performance by 10% through strategic refactoring and query optimization
- Collaborated with data scientists to implement machine learning models for predictive analytics

Ably (Jan 2022 – Nov 2022): Senior Web Engineer

- Engineered system-wide optimizations resulting in a 20% performance improvement
- Pioneered containerization efforts, successfully Dockerizing complex Ruby on Rails applications
- Implemented real-time data streaming features, enhancing user engagement by 15%

Reallyenglish (Oct 2005 - Jan 2022): Lead Ruby Developer

- Architected and developed three generations of a robust Learning Management System (LMS)
- Increased customer satisfaction by 25% through innovative feature implementation
- Mentored junior developers, fostering a culture of code quality and best practices

CCOSS (Jun 2003 – Aug 2005): Senior Linux Developer

- Engineered a groundbreaking network computing solution for embedded Linux systems
- Optimized system performance, achieving a 40% improvement in resource utilization

NEC (NECSI) (Sep 2001 – May 2003): Java Developer

- Developed enterprise-grade web applications using J2EE/Tomcat for high-profile Japanese clients
- Implemented secure authentication and authorization systems

Key Projects

- Practical English Course Platform: Developed a comprehensive, scalable platform using Node.js, Ruby, and JavaScript, resulting in a 30% increase in user engagement
- Mobile Learning App: Led the development of a feature-rich React Native app, incorporating offline learning capabilities and achieving a 4.8-star rating on app stores
- Advanced Course Management System: Engineered a state-of-the-art system using Ruby on Rails, Stimulus, and Turbo, reducing course creation time by 50%
- Enterprise Learning Management System (LMS): Designed and implemented a customizable LMS serving over 100,000 users, with 99.9% uptime
- Education Platform WordPress Homepage: Crafted a high-performance, SEO-optimized WordPress site, increasing organic traffic by 40%

Education

Bachelor of Science in Computer Science and Technology, Harbin Engineering University