Yi Xin

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PROFESSIONAL SUMMARY

- Demonstrated strong product management capabilities through successful roadmap planning and execution, while maintaining the ability to independently develop and deploy complex technical solutions
- Led full-stack development projects from concept to deployment, utilizing modern tech stacks (React, Node.js, Python) and demonstrating expertise in both AI and backend development
- Architected and delivered end-to-end cloud solutions leveraging AWS services (Lambda, API Gateway, DynamoDB), while implementing microservices architecture and RESTful APIs

EXPERIENCE

Graduate Student   **Jan 2025- Current**
University of Niagara Falls Canada Niagara Falls, Ontario/ Canada

- Performed data analytics projects with diverse datasets, applying data cleaning, exploratory analysis, and machine learning (Random Forest, XGBoost) to derive actionable insights. Created technical reports and interactive dashboards to communicate findings, supporting stakeholder decisions. Achieved a GPA of 4.11.

Product Manager & Software Engineer   **Oct 2022-Dec 2024**
Freelancer, Beijing

- Architected and delivered customized business solutions and RESTful APIs aligned with client specifications, leading to 40% reduction in processing time and 92% client satisfaction rate

Platform Product Manager   **Aug 2021-Sep 2022**
Beijing Bailongma Yunxing Technology Co., Ltd. Beijing

- Architected and optimized ride-hailing SaaS fleet management system through comprehensive requirement analysis and data-driven insights, resulting in 25% improvement in fleet operational efficiency and 30% cost reduction
- Engineered and enhanced platform core modules (CRM, asset management, financial systems) by implementing automated workflows, leading to 20% faster processing time and 90% user satisfaction rate
- Conducted extensive market research and orchestrated cross-functional collaboration with 5+ teams, delivering integrated product solutions that increased platform adoption by 40% and reduced development cycles by 5%

Technical Director   **Dec 2014-May 2021**
Iqidao (Beijing) Cultural Communication Co., Ltd. Beijing

- Formulated and executed company-wide development strategies while building and leading a high-performing product & tech team of 10+ members, resulting in 35% reduction in development costs and 50% improvement in operational efficiency
- Established comprehensive product lifecycle management processes and technical infrastructure, leading to 30% reduction in development cycles and achieving 99.9% system availability
- Pioneered technical innovation initiatives and architected enterprise-wide technology framework, resulting in successful implementation of 10+ cutting-edge solutions and 50% cost optimization
- Spearheaded technical decision-making and implementation of mission-critical projects, delivering 100% of targeted KPIs while maintaining quality standards and cost-effectiveness
- Designed and developed AWS-recognized cloud solutions featured as official case studies on AWS website, demonstrating exceptional technical expertise and innovation in cloud architecture

App Development Director   **Dec 2013-Dec 2014**
Trends Group Beijing

- Led technical development of LoveFashions application using Java EE architecture and MySQL database, resulting in successful launch with 10,000+ daily active users and 99% system stability

- Directed and mentored a technical team of 10+ engineers through structured development processes, achieving 35% improvement in project delivery efficiency and maintaining high code quality standards
- Designed and implemented comprehensive development roadmap focusing on scalable system architecture and performance optimization, leading to 40% reduction in system response time and successful handling of peak user traffic
- Spearheaded critical technical decisions and system improvements through systematic testing and monitoring, resulting in 45% decrease in system errors and successful delivery of core business features

Technical Cooperation Manager   **Mar 2013-Dec 2013**
Pangu Cultural Communication Co., Ltd. Beijing
- Orchestrated technical collaboration across 10+ internal teams and external partners (vendors, clients), reducing project bottlenecks by 40% and accelerating delivery cycles
- Executed technical implementation and quality assurance through systematic monitoring, delivering 10+ major releases with 98% documentation accuracy

Development Manager   **Mar 2012-Feb 2013**
Entrepreneurship Beijing
- Designed product development roadmap focusing on Java EE architecture and SOA principles, resulting in 40% improvement in system performance and stability
- Established and led a technical team of 8 developers implementing agile methodologies, achieving 35% faster project delivery
- Identified and capitalized on Microsoft Store marketplace opportunity, successfully developing and launching 20+ applications with consistent 4+ star ratings

JAVA Development Manager   **Nov 2009-Mar 2012**
IZP (China) Network Technologies Co., Ltd. Beijing
- Architected and developed enterprise business management system (ZBOOS) using J2EE and Oracle, resulting in 50% improvement in business process efficiency and successful integration of 10+ core modules
- Led Java development team of 6 engineers implementing Spring Framework and Struts, achieving 40% reduction in system maintenance costs and 30% faster feature delivery
- Designed and established new business systems utilizing MVC architecture and Oracle, delivering scalable solutions that supported 200% business growth

Senior Software Engineer   **Jan 2008 - Nov 2009**
Beijing Yisiteng Technologies Co., Ltd. Beijing
- Spearheaded development and maintenance of Canon's official website (www.canon.com.cn) using JSP and HTML, achieving 99.9% uptime and supporting nationwide access
- Engineered and implemented new business features and regular updates through JSP and JavaScript, ensuring timely content delivery with zero critical incidents

Software Engineer   **May 2005-Dec 2007**
Beijing Zhongxun High-Tech Co., Ltd. Beijing
- Developed and deployed order management and user modules for Nomura Securities trading system using Java/J2EE and Oracle, successfully delivering on-site system implementation and maintenance in Japan with zero critical issues

SKILLS
Product Design & Strategy | Technical Leadership | Cloud Architecture & System Design | Full Stack Development | Cross-functional Management

EDUCATION
Bachelor's Degree Computer Science and Technology   **May 2005**
Beijing University of Posts and Telecommunications

CERTIFICATIONS
- PMP Certified (Project Management Professional)   - 2014
- AWS Certified Solutions Architect – Associate   - 2021
- AWS Certified Solutions Architect - Professional   - 2021