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Professional Summary

Results-driven Senior Software Engineer & CTO with over 14 years of experience in high-traffic distributed systems, fintech, blockchain, and cloud computing solutions. Proven expertise in optimizing performance in real-time systems, leading cross-functional teams, and delivering scalable solutions. Passionate about solving complex challenges and driving technological innovation.

Leadership & Management

- **Team Leadership:** Led and mentored teams of 15+ senior engineers, resulting in a 20% improvement in project delivery times and fostering a culture of best practices and continuous learning.
- **Scalable Architecture Design:** Designed and optimized scalable architectures for applications serving millions of users, ensuring high availability and reducing latency by 50%.
- **Cross-Functional Collaboration:** Managed teams across multiple time zones, ensuring smooth collaboration and timely project delivery.
- **Technological Innovation:** Spearheaded the adoption of cutting-edge technologies to improve system performance and security, reducing infrastructure costs by 30%.
- **Strategic Decision-Making:** Played a key role in aligning system architecture design with long-term business goals.

Career Objective

Seeking a Senior Software Engineer / CTO role in a high-growth company where I can leverage my expertise in distributed systems, blockchain, and fintech to drive innovation, scalability, and operational excellence in complex projects.

Key Skills

Technical Skills

- **Backend & Microservices:** Node.js, Golang, NestJS, gRPC
- **Blockchain & Web3:** Smart Contracts, Solidity, DeFi, Web3.js

- **Cloud & DevOps:** AWS, Kubernetes, Terraform, Docker, CI/CD, APISix, Nginx
- **Databases & Streaming:** PostgreSQL, MongoDB, Redis, Kafka, Event Streaming
- **Security & Networking:** WebRTC, VPN Management, Security Optimization
- **Mobile & Frontend:** Flutter, Angular

Soft Skills

- **Leadership & Team Management**
- **Strategic Planning & Decision-Making**
- **Cross-Functional Communication**
- **Agile Methodologies (Scrum, JIRA, Confluence)**

Achievements

- **Cost Reduction:** Reduced infrastructure costs by 30%, saving over $100,000 annually by implementing scalable cloud-based solutions and optimizing resource usage.
- **System Performance:** Improved system response time by 50% through architectural optimizations, enhancing user experience and reducing latency.
- **Team Efficiency:** Implemented Agile methodologies, reducing development cycle time by 20% and increasing team productivity.
- **Scalability:** Designed architectures enabling platforms to handle 10M+ concurrent users with 99.99% uptime.
- **Revenue Growth:** Contributed to a 15% increase in company revenue by aligning technical solutions with business objectives.

Work Experience

CTO | Quartus United Company SPC | Oman *(2024 – Present)*

- **AI-Driven Chatbot Platform:** Led a team of 15+ senior engineers in developing an AI-driven chatbot platform, increasing user engagement by 50%.
- **Global VPN Infrastructure:** Managed operation and maintenance of 300+ VPN servers across multiple regions, ensuring secure and seamless online experiences for over 2 million users worldwide.
- **GPU-Optimized Infrastructure:** Designed and implemented GPU-optimized infrastructure for AI model processing, improving traffic management and model inference speed by 40%.
- **CI/CD Implementation:** Streamlined the development pipeline, reducing deployment times by 40% using CI/CD practices and Docker containerization.
- **Cross-Team Coordination:** Collaborated with marketing, product, and sales teams across different time zones, resulting in a 25% increase in project delivery efficiency.

Senior Software Engineer | RecoverIT.app | USA *(2022 – 2024)*

- **Secure Vault Development:** Built a secure vault on AWS for encrypted asset documents, supporting 8M+ users with high availability and scalability.

- **Infrastructure Scalability:** Implemented Kubernetes, DynamoDB, and Terraform to automate infrastructure scaling, improving resource management by 35%.
- **gRPC Microservices Architecture:** Designed a high-performance gRPC-based microservices architecture handling millions of concurrent requests with minimal latency.
- **Strategic Contributions:** Contributed to key architectural decisions, ensuring solutions were cost-effective and met security compliance standards.
- **System Reliability:** Enhanced system uptime to 99.9% through infrastructure optimization and proactive monitoring.

Senior Software Engineer | SixSigma Networks | USA *(2020 – 2022)*

- **Blockchain Betting System:** Developed a blockchain-based betting system capable of handling 4M+ transactions per second, focusing on security and scalability.
- **Smart Contract Engineering:** Engineered smart contracts using Solidity, ensuring transparency, security, and seamless transaction flow.
- **Performance Optimization:** Reduced system latency by 50%, significantly enhancing user experience across the platform.
- **Revenue Impact:** Contributed to a 15% increase in revenue by delivering a reliable and efficient betting platform.
- **Collaboration:** Worked closely with stakeholders to ensure alignment between technical implementations and business goals.

Senior Software Engineer | Zignaly | Remote *(2018 – 2020)*

- **Social Investment Platform:** Built a platform connecting investors and fund managers, increasing user engagement by 30% and expanding the user base by 25%.
- **Binance Copy Trading:** Developed features for automated cryptocurrency investments, enhancing user retention and attracting new users.
- **Real-Time APIs:** Designed real-time trade execution APIs, improving platform responsiveness and enabling seamless trading experiences.
- **Product Alignment:** Collaborated with product teams to ensure technical features met user needs, resulting in a 20% increase in customer satisfaction.
- **Security Enhancements:** Implemented robust security protocols, achieving compliance with industry standards and safeguarding user data.

Selected Projects

EchoTrade (UK) – Blockchain Crypto Trade Platform *(2021 – 2022)*

- **Blockchain Infrastructure:** Developed blockchain-based trading infrastructure, integrating APISix as a gateway for high-performance routing.
- **Smart Contracts:** Built and maintained smart contracts with Solidity, ensuring transparency, security, and decentralization.
- **Team Leadership:** Led a team of 5 engineers, delivering the project on time and within budget, contributing to a 30% increase in trading volume.

Boomerang – Cashback Platform *(2019 – 2020)*

- **Cryptocurrency Cashback System:** Designed a system using Golang and Flutter, handling 50K+ concurrent users.
- **Compliance and Scalability:** Implemented AML solutions with RabbitMQ and load balancers, ensuring compliance and scalability.
- **User Retention:** Increased user retention by 40% through enhanced user experience and security features.

MoshaverLine – Online Psychological Counseling *(2017 – 2018)*

- **Encrypted Communication Platform:** Developed a WebRTC-based encrypted video/audio platform to ensure confidentiality for users.
- **Performance Optimization:** Managed 10K+ concurrent connections, implementing load balancing for optimal performance.
- **Security Assurance:** Enhanced platform security, resulting in zero data breaches during tenure.

Certifications

- **Google Cloud Professional Architect** *(2021)*
- **Docker Certified Associate** *(2020)*
- **CompTIA Security+** *(2019)*

Education

- **Bachelor of Pure Mathematics** Ferdowsi University of Mashhad, Iran *(Graduated in 2012)*

Languages

- **Farsi:** Native
- **English:** Advanced (Fluent in written and spoken communication)