Sohail Ashraf

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PROFILE SUMMARY

Senior Software Engineer | Cloud Solutions & Scalable Application Development Expert

Experienced Senior Software Engineer with 14 years of success in developing scalable, high-performance software applications. Expertise spans Java, Python, PHP, JavaScript, and cloud technologies, with a solid database architecture and design understanding. Adept at leading cross-functional teams, designing reliable software solutions, and driving improvements across the software development lifecycle. Proven ability to align business requirements with innovative technical strategies, particularly in cloud environments like AWS and Agile frameworks. Ready to deliver impactful contributions in the dynamic Australian technology sector.

CORE COMPETENCIES

- Software Architecture & Design
- Cloud Infrastructure Management (AWS)
- Database Architecture & Management
- Microservices Development
- Agile & Scrum Methodologies
- System Optimization & Performance Tuning
- Automation & CI/CD Implementation
- Cross-Functional Team Collaboration
- Technical Documentation & Reporting
- Mentoring & Team Leadership
- Stakeholder Communication
- Disaster Recovery Planning
- Legacy System Modernization
- Security Best Practices in Software Development

PROFESSIONAL EXPERIENCE

Programming Languages:	Java, Python, Node.js, PHP, Shell Scripting
Frameworks:	Spring MVC, Spring Boot, Express.js, CodeIgniter
Frontend Technologies:	HTML, CSS, JavaScript, React, Angular, TypeScript, jQuery
Database Management:	MySQL, MSSQL, MariaDB, DynamoDB
Cloud Solutions:	AWS, Lambda, SQS, EC2, RDS
Containers & Orchestration:	Docker
Version Control & CI/CD:	Git, Subversion, Jenkins
API Integration:	RESTful, SOAP, Third-party API integrations (PayPal, Stripe, Twilio, etc.)
Project Management Tools:	JIRA
Testing & Automation:	Unit Testing, Jenkins, Automated Testing
Operating Systems:	Windows, Linux

PROFESSIONAL EXPERIENCE

JPMorgan Chase & Co. — *Singapore*
Senior Software Engineer | January 2022 – Present

- Led the design and implementation of highly available, robust, and scalable software applications for financial platforms, ensuring seamless integration with cloud-based services (AWS).
- Designed and documented software architectures, aligning with both business goals and technical specifications, enhancing system efficiency and scalability.
- Collaborated with cross-functional teams to develop and enhance features, ensuring full alignment with user needs and business objectives.
- Spearheaded the optimization of legacy systems, introducing microservices and modern architectures, reducing operational costs by 20%.
- Drove the adoption of automated testing practices, significantly improving the quality and reliability of applications before production releases.
- Delivered software solutions in an Agile environment, ensuring rapid iterations and high-quality deliverables.
- Mentored junior developers, fostering a culture of collaboration, knowledge sharing, and continuous improvement.

Key Project: Payment Gateway System

- Developed and maintained a secure, high-throughput payment processing system for global transactions, ensuring compliance with industry standards and regulations.

Mindtree Ltd (Client: DBS Bank Ltd) — *Singapore*
Technical Lead | October 2018 – December 2021

- Led the end-to-end development of modular and scalable software solutions, including migration of legacy systems to cloud (AWS).

- Directed the design and implementation of RESTful services using Spring MVC, ensuring high system availability and performance under load.
- Facilitated continuous integration and deployment (CI/CD) using Jenkins, streamlining development cycles and reducing time-to-market.
- Optimized database architectures and implemented advanced caching mechanisms, improving data access speed by 30%.
- Trained and guided a team of developers, improving development efficiency and ensuring adherence to best coding practices.

Key Project: Investment Product Distribution System (IPDS)
- Led the development of a multi-platform trading application, improving the platform's stability, performance, and usability.

Shell Infotech Pte Ltd (Client: Mindtree Ltd -> DBS Bank Ltd) — *Singapore*
Senior Software Engineer | October 2015 – October 2018
- Designed and developed distributed applications using microservices, Docker, and AWS Lambda, improving system scalability and cost-efficiency.
- Conducted performance tuning and implemented robust bug-fixing strategies to ensure long-term stability.
- Managed AWS cloud infrastructure, improving service availability and reducing costs by optimizing resource usage.
- Collaborated with the client to define project goals, ensuring the successful deployment of software applications within agreed timelines.

Key Project: Investment Product Distribution System (IPDS)
- Rebuilt the core infrastructure for a trading system, incorporating real-time data processing and multi-threaded architecture.

Code Republic — *Pakistan*
Senior Software Engineer | April 2012 – September 2015
- Developed complex web applications and implemented scalable software solutions using PHP and CodeIgniter.
- Led a team to build custom UI components and application logic for client-facing portals.
- Integrated third-party APIs such as PayPal and Google Maps, enhancing system functionality and user experience.
- Played a key role in debugging and optimizing legacy systems, ensuring faster load times and improved user experience.

Key Project:
- **Fivetier.com:** Developed a social networking platform with enhanced security and scalability, attracting a strong user base within 6 months of launch.
- **Shawams:** Built a UAE-based classified web application, optimizing user flow and enhancing system performance to handle high traffic volumes.

Crossbiz — *Pakistan*
Software Developer | April 2011 – March 2012
- Developed interactive web applications with PHP, JavaScript, and jQuery, contributing to multiple projects with international clients.
- Ensured data security and optimized database queries for high-traffic applications.
- Participated in the development of transactional systems using n-tier architecture for web applications.
- Key Project: Spellemannprisen
- Developed a Norwegian music contest web application, integrating real-time voting and event tracking features.

EDUCATION
- **Bachelor of Science in Computer Science |** *University of Azad Jammu & Kashmir | 2007 – 2011*

CERTIFICATION
- **AWS Certified Solutions Architect – Associate**
  Validation: [AWS Verification Link](#)