

Sean Wang

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MANAGER, SOFTWARE ENGINEERING

Result-oriented and highly organized Information Technology leader with a track record of success in leading software engineering teams to build and manage client/server and multi-tier corporate applications within the financial industry. Extensive expertise in software design, development, and implementation, coupled with exceptional skills in designing, managing, and developing Object-Oriented and Service-Oriented applications. Demonstrates strong program management and team leadership capabilities, driving project success and fostering a collaborative work environment.

AREAS OF EXPERTISE

Program Management | Project Management | Agile/Scrum Management | Software Development Life Cycle (SDLC) | Generative AI | Machine Learning | Enterprise System Design | Strategic Planning | Budgeting | Vendor Management

TECHNICAL SKILLS

Java full stack | Spring | Spring Boot | Python | JavaScript | React | Node.js | Amazon Web Services (AWS) | ECS | EKS | EC2 | Fargate | Lambda | Microservices | REST API | Apache Kafka | AWS Kinesis | Relational Database | NoSQL | In-Memory Database Systems | Unix | Linux | Windows Operating Systems

PROFESSIONAL EXPERIENCE

Transamerica Corporation, Harrison, NY

November 2008 – Present

Manager, Software Engineering, November 2017 – Present

Managed IT operations and led cross-functional teams in delivering strategic technology initiatives, ensuring compliance and optimizing performance across various business applications.

- Spearheaded AWS cloud migration and CI/CD setup for 8 on-premises applications, saving costs by 25%, boosting scalability by 50%, and increasing stability by 3%.
- Directed an Agile team in modernizing a legacy J2EE monolithic retirement application to a microservices framework (Java Spring Boot) on AWS, improving deployment time by 50%, scalability by 50%, uptime to 99.9%, and reducing release cycles from monthly to weekly.
- Collaborated with cross-functional teams and executive stakeholders to design and launch a new pension product, securing contracts worth \$4 billion in retirement investment assets.
- Oversaw a \$15M budget across five critical projects, delivering all on time with 5% below budget, achieving \$6M in annual benefits through cost reduction, risk mitigation, and enhanced customer experience.
- Led cross-functional teams of 50+ engineers on major IT compliance projects, meeting IRS, SOC 1, and SOC 2 standards with zero gaps.
- Provided technical leadership for innovative designs, ensuring all projects met SDLC compliance.
- Supported executives in creating strategic IT roadmaps, project goals, and budgets.
- Oversaw team development, talent retention, and recruitment to maintain and grow a skilled workforce.

Technical Lead, November 2006 – November 2017

Spearheaded the development, implementation, delivery, and maintenance of advanced client facing retirement solution management systems. Managed systems architecture, analysis, design, and coding utilizing full Java stack technology. Collaborated closely with program managers and business stakeholders on projects estimation, planning, initiation and execution.

- Developed a high-volume retirement enterprise application using J2EE and Model-View-Controller (MVC) framework, serving over 4 million retirement investment customers.
- Enhanced legacy systems by upgrading to a Maven structure and implementing Jenkins CI/CD processes, reducing deployment times by 60% and minimizing production errors.
- Managed project scope, deliverables, and dependencies to ensure timely achievement of objectives within established timeframes.

ADDITIONAL RELEVANT EXPERIENCE

AXA XL, Stamford, CT

March 2004 – November 2006

Software Engineer

Utilized full stack Java technology to build and maintain robust web solutions that aligned with organizational goals and brand standards.

- Designed, developed, and implemented public corporate websites for XL Capital (xlgroup.com, xlinsurance.com, xlre.com) using J2EE technology, IBM WebSphere as the application server, and MS SQL Server as the database.
- Three websites won the 'Outstanding Achievement Award' from Interactive Media Awards.

CERTIFICATES

Generative AI Fundamentals by IBM (coursera.org/account/accomplishments/specialization/DVEN4PKNG4KA)

Generative AI for Data Scientists by IBM (coursera.org/account/accomplishments/specialization/CDPE04881745)

Generative AI for Software Developers by IBM (coursera.org/account/accomplishments/specialization/Y7VBV8NDE8QR)

Sun Certified Java Programmer(SCJP)

EDUCATION

Master of Business Administration (MBA) in Management Information Systems and Finance (Double Major)

University of Connecticut, Stamford, CT

Bachelor of Science (BS) in Computer Science

Queens College of the City University of New York, Queens, NY