

Shijo Chacko

Senior Application Developer

Passionate software Engineer with 14+ years of experience, Throughout carrier, I've successfully architected and developed complex systems, leveraging Java's robust capabilities to create efficient, scalable, and maintainable applications. Expertise extends to full-stack development, encompassing both front-end and back-end technologies, ensuring a holistic understanding of the software development lifecycle.



Contact

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Technical Profile

- Java & Java 17
- Spring & SpringBoot Micro Services
- Apache Kafka
- Terraform & Docker
- Cosmos & Mongo DB
- JPA & Hibernate
- Git & SVN
- Gradle & Maven
- PostgreSQL & Oracle
- Java Script & Angular
- Junit5
- AWS & Azure Cloud
- Datadog & Splunk
- ETL



Skills

Library design
Agile Workflow
Programming
Performance Tuning
Pair Programming
Mentoring and Training



Work History

2019-11 -
Current

Senior Application Developer

Tata Consultancy Services, Oslo

Lead Architect and Developer: Spearheaded architecture, design, and development efforts, driving successful completion of complex projects.

Spring Boot Expertise: Developed over 20 Spring Boot Micro Service applications, showcasing proficiency in crafting scalable and efficient solutions.

Microservices Mastery: Designed, developed, and maintained microservices architectures using Docker, Kubernetes, and Terraform, ensuring robust and easily scalable systems.

Performance Optimization: Actively engaged in performance tuning of database queries within PostgreSQL, resulting in significant efficiency gains.

Performance Testing: Developed specialized tools and conducted rigorous performance testing of Micro Services to identify and rectify bottlenecks, guaranteeing optimal system performance.

Security Enhancement: Designed and implemented security measures, including firewalls and encryption, safeguarding sensitive data and ensuring compliance with security standards.

Design and Prototyping: Translated concepts into tangible design mockups and prototypes, enhancing user experiences and optimizing site interactions.

Budget and Schedule Management: Successfully adhered to strict budgetary and scheduling guidelines, delivering high-quality solutions that met customer expectations and project targets.

2014-07 -
2019-10

Full Stack Developer

Tata Consultancy Services, Kochi

High-Performance Reporting Tool: Spearheaded development of a high-performance reporting tool featuring multiple dashboards. This tool not only met but exceeded expectations by delivering real-time insights, enabling data-driven decision-making.

Requirements Gathering and Technical Solutions: Played a pivotal role in the initial stages of projects by actively participating in requirements gathering. This ensured a solid understanding of prerequisites and allowed for the identification of the best technical solutions to meet complex business needs.

Customer Satisfaction Enhancement: Achieved a remarkable 90% increase in customer satisfaction by implementing critical improvements to report performance. This substantial boost in satisfaction underscored significance of our enhancements in meeting user expectations and requirements.

Landing Page Optimization: Innovated and constructed highly optimized landing pages using HTML and CSS. These pages were meticulously crafted to ensure seamless integration and cross-browser compatibility. As a result, they served as effective entry points, driving user engagement and conversion rates.

2012-06 -
2014-05

Senior Software Consultant

Computer Sciences Corporation, CHENNAI

Healthcare Fraud Detection Tool: Spearheaded the development of a cutting-edge healthcare fraud detection and analytical tool, enhancing the industry's ability to identify and prevent fraudulent activities.

JavaScript Toolkit: Designed and implemented a user-friendly JavaScript toolkit to streamline user input, improving the overall usability of the application.

Single Sign-On (SSO): Successfully integrated Single Sign-On functionality using Spring Security, enhancing system security and user convenience.

Database Connectivity: Redesigned application architecture to seamlessly connect with multiple databases, efficiently handling over 40 client application requests simultaneously, improving scalability and responsiveness. **Workflow Optimization:** Prepared comprehensive workflows detailing input, output, and logical operations. Translated these workflows into computer instructions, facilitating rapid response to web inputs.

High-Availability Architecture: Delivered a robust and scalable system architecture, ensuring high availability for Internet-facing sites and supporting various internal applications. Expertise in software development, system architecture, and problem-solving has consistently delivered exceptional results. I am passionate about leveraging technology to drive efficiency and improve user experiences while maintaining a strong commitment to security and reliability.

2010-11 -
2014-04

Senior Developer

IBS SOFTWARE SERVICES, KOCHI

Internet Booking Engine Development for Budget

Airline: Spearheaded the creation of a robust Internet Booking Engine tailored for a budget airline, optimizing the booking process for cost-conscious travelers

High-Volume Traffic Management: Successfully managed system performance to handle over 50,000 requests per second during peak seasons, ensuring uninterrupted service for a large customer base. **Airline Software Proficiency:** Proficiently managed common airline booking software and adeptly handled database management, contributing to operational efficiency.

Revenue Generation Strategies: Identified new revenue generating ideas and opportunities within existing markets, contributing to company's growth and sustainability.

2007-07 -
2010-12

Software Engineer

Focuz Innovations, KOCHI

Precision Project Specification Review: Diligently reviewed project specifications and engineered technology solutions that consistently surpassed performance expectations, ensuring excellence in project execution.

Collaborative Solution Design and Development:

Collaborated seamlessly with software development and testing teams to conceptualize and construct resilient solutions, aligning with client demands for functionality, scalability, and performance.

Timely Delivery of Rigorously Tested Systems:

Expertly delivered meticulously unit-tested systems, meeting customer-defined deadlines and ensuring the reliability of the solutions provided.



Education

2003-06 -
2006-06

Master of Science: Computer Applications

IGNOU - Hyderabad

1997-03 -
2000-03

Bachelor of Science: Mathematics

Graduation - Nirmala College



Certifications

- Sun Certified Java Professional
- Certified Architect in Apache Cassandra