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.

Strategic Advisement and Revenue Growth: Advised executives on critical decisions and spearheaded process restructuring initiatives that led to increased company revenue, showcasing leadership and strategic acumen

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