**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.

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| |  |  | | --- | --- | |  | **Contact** |   **Address**  Oslo, 1356 Norway  **Phone**  +47 93938065  **E-mail**  shijomeempillil@gmail.com   |  |  | | --- | --- | |  | **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 |