

# SHIJIL P

Software Engineer (Java)

shijil612@gmail.com +91 7025798225

<https://www.linkedin.com/in/shijil-purushothaman-java-developer>

Pazhayaveedu Malappattam kannur Kerala 670631

---

An experienced software engineer(Java) with 3.5 years of relevant experience. Have a passion for developing innovative programs that expedite the efficiency and effectiveness of organizational success. Well-versed in technology and writing code to create systems that are reliable and user-friendly. Confident communicator, strategic thinker, and innovative creator to develop software that is customized to meet a company's organizational needs, highlight its core competencies, and further its success.

---

## KEY COMPETENCIES

Software Development  
Web Development  
Agile methodology  
Version Control

Problem Solving  
Algorithm and Data Structures  
Software Architecture  
Testing and Quality Assurance

Team leadership  
Communication  
Operations management  
Security Awareness

---

## PROFESSIONAL EXPERIENCE

**TATA Consultancy Service**  
**Asst.System Engineer**

**APR 2022 - Present**

- Developed a REST API that enabled integration with third-party services.
- Collaborated with other developers to ensure shared code was of high quality and met design specifications
- Developed unit tests to ensure code quality and ensure compliance with software development best practices
- Designed and implemented a secure authentication system that used for user authorization and authentication
- Optimized code for performance and scalability, resulting in decrease in response time for end users
- Implemented an automated deployment process that reduced time-to-deployment from several days to several hours
- Designed and implemented a caching system that improved system performance and response times.
- Implemented a caching system using Redis that improved application performance.
- Implemented a secure authentication system that ensured user data was protected and met industry compliance standards.
- Working on agile scrum methodology and involving in stand-up meetings to monitor the progress.
- Implementing the backend business layers using spring and web services. Handling git and push and maintain code in the repository.
- Handling code deployment using Jenkin in test environment and production environment.
- Implementing Java EE components using Spring MVC, Spring IOC, Spring Transactions, and Spring Security Modules.
- Developing application using Java Spring Boot, Hibernate, Restful services with good quality of code.
- Configuring the spring integration XML to route request to respective databases.
- Involving in the complete software development life cycle including requirement analysis, design, implementation, testing, and maintenance.
- Actively involved in the analysis, detail design, development, bug fixing and enhancement in agile methodology.
- Participating in scrum meetings as part of iteration development process.
- Delivering the new and complex high-quality solutions to clients in response to varying business requirements.

- Developed REST APIs and implemented authentication protocols, such as OAuth, to securely expose data to clients
- Developed and maintained software in multiple programming languages, such as Java, Python, and JavaScript
- Designed and developed a scalable, high-availability web application that handled concurrent users with minimal downtime
- Created a Continuous Integration/Continuous Deployment (CI/CD) pipeline that reduced time-to-deployment.
- Led a team of developers to successfully complete a major software project on time and within budget
- Conducted code reviews and mentored junior developers to improve code quality and ensure adherence to best practices
- Extensive Object-Oriented Development OOP/OOD experience.
- Good working knowledge of application development and maintenance life cycle process.
- Projects: Behavioral-insights - This Java application extracts data from ARCU and exports it to CSV files
- Repgen-Symitar-PowerOn Episys core system to third-party products and the ancillary applications developed internally by the credit union

---

**Pythos Hub**

**NOV 2020 - Feb 2021**

**Junior Developer**

- Key Responsibilities/ Achievements
- Developed full-stack web applications which processed, analyzed, and rendered data visually.
- Liaised with back-end developers, front-end developers, quality assurance testers, and CTO as needed.
- Managed time-sensitive updates, including content changes and database upgrades.
- Planned, wrote, and debugged web applications and software with complete accuracy

---

**EDUCATION**

**Bachelor of Technology (B. Tech) degree 2015 - 2019**

Computer Science and Engineering

MES College of Engineering Malapuram

APJ Abdul Kalam Technological University

---

**SKILLS AND PROFICIENCIES**

- Full Stack Development
- JAVA (Spring boot, Spring,Hibernate,Jsp,Servlet)
- MySQL
- Oracle PSQL
- ReactJS
- HTML , CSS, Bootstrap

**TOOLS**

- IntelliJ IDE
- Maven
- Git
- Jenkins
- Docker
- Products Microsoft

---

**COURSES AND ACHIEVEMENTS**

- Completion Certificate Java and Python (ABC - Technology Training & Upskilling Bangalore)
- Full Stack Developer Course ( ICT Academy of Kerala)
- Version Control with Git
- Full stack-Angular and Java spring boot
- Got On The Spot Award and On The Spot(Team) Award
- Led a team of developers to deliver a critical software project
- Implemented an automated testing framework that reduced software defects and improved overall product quality.
- Developed and deployed a system optimization plan that reduced server response time