

# Salamath Ali

## Senior Full Stack Engineer

Experienced Java Full Stack Developer with 11 years of expertise in designing, developing, and maintaining scalable APIs and full-stack applications within a microservices architecture. Proficient in building robust, high-performance solutions using Spring Boot and Angular, with strong experience in API development, integration, and microservices design.

### SKILLS

<b>Front End:</b>	Angular, JQuery, PrimeNG and Bootstrap
<b>Back end:</b>	Spring Boot, Spring Data Jpa, Spring Security, Oauth 2, RabbitMQ, Redis, SQL Server
<b>Web Services / APIs:</b>	REST, SOAP, API Design and Versioning, OAuth2/ JWT Security
<b>Programming Language:</b>	Java, Javascript and Typescript
<b>Workflow / BPM:</b>	Camunda BPMN
<b>Tools:</b>	Liquibase, Jasper Report, Maven, Eclipse, IntelliJ, VsCode, GitHub, JIRA, Bitbucket, Bamboo
<b>Additional</b>	React JS, AWS IAM, EC2, S3, RDS, Dynamo DB, Lambda
<b>Skills/Learning:</b>	

### TECHNICAL EXPERIENCE

<b>Java Full Stack Developer(Consultant) / AMN</b>	<b>10 2019 — Present</b>
<i>ELM</i>	<i>Riyadh, Saudi Arabia</i>

- Designed, developed, and maintained robust and scalable RESTful APIs using Spring Boot for microservices architecture.
- Collaborated with front-end and other back-end teams to define API requirements and ensure seamless integration.
- Implemented API security protocols including OAuth2/JWT for authentication and authorization.
- Integrated microservices with RabbitMQ for asynchronous communication and optimized inter-service performance with Redis caching.
- Conducted thorough API testing to ensure functionality, performance, and reliability.
- Handled API versioning, gateway routing, and documented API specifications for maintainability.
- Participated in code reviews, promoting clean, maintainable, and high-quality code.
- Provided production support, troubleshooting API issues and optimizing performance.
- Contributed to technical solution design, knowledge sharing, and identifying business gaps.
- Maintained reusable Angular components and improved front-end integration with APIs.

### Project Details

- **Airgun Services:** Built a system for air gun registration, license issuance, renewal, and ownership transfer.
- General Officers can add factories, factory items, origin country, caliber, and joules; organizations submit license requests on behalf of individuals with owner details, occupation, and contact info.
- Integrated a points-based license model (1 point = 5 SAR) for issuing licenses.
- Implemented renewal and transfer workflows depending on air gun status.
- Validated commercial registration via external API before issuing licenses.
- Enabled license PDF generation for printing after approval.
- **Road Security Service:** Developed a system to manage road work permits, allowing users to mark work locations on Google Maps (Point A to Point B) using latitude and longitude.
- Enabled attachment of documents and site photos during permit submission.
- Implemented a multi-level approval workflow for Road Security Officers and higher authorities.
- After final approval, users can generate a printable permit PDF including all details and digital signatures of Road Security Officer, Road Command Officer, and General Directorate of Traffic.
- **Material Rock Cutting Service:** Developed a system to manage exploder materials, technicians, and warehouse inventories for demolition and rock-cutting operations.
- Managed three main permit workflows: Usage, Withdraw, and Transfer permits with material quantity tracking and technician assignment.
- Integrated multi-level approvals and rework workflows using Camunda BPM.
- Implemented a notification system for all stakeholders at each action step.
- Enabled permit PDF generation for printing post final approval, including material, technician, and authorization details.
- **Exceptional Loader:** Developed a system to manage permits for abnormal or oversized loads, handling height, length, and weight specifications, with a multi-level officer approval workflow and official permit PDF generation for printing.
- **Functional Weapon:** Managed permits for weapons handled by security staff, including employee and delegate details, with a multi-level officer approval workflow.
- **Firework Permits:** Issued permits for firework shows and import of crackers from various countries, incorporating a multi-level officer approval process to ensure safety and regulatory compliance.

**Senior Engineer / CPRO(Configurateur Prototypes)***Renault Nissan Technologies*

08 2017—10 2019

Chennai, Tamil Nadu

- Developed and maintained full-stack web application using Java 8, Angular 4, Spring Boot, JPA, Maven, MySQL, Apache tomcat 8
- Follow up with onsite team members to get clear requirements
- Conducting demos in order to update client for each sprint
- Improving code quality for better performance
- Involving in sprint planning and Retrospective meetings
- Knowledge sharing among team members
- Observing the performance and improving application to handle heavy load of data

Project Details

- CPRO application is used for ordering the spares to assemble the cars, we configure a vehicle as per the customer requested configuration. The configuration is formed with different regroupment with responsibility named BIW(body-in-white), Trim and chassis and Power train, configuration include interior parts example: components for Dashboard and airbags. It has batch application to import and export the huge data.

**Programmer Analyst / Launch Excellence 2.0***Cognizant Technology Solution*

10 2016—08 2017

Chennai, Tamil Nadu

- Developed and maintained applications using SOAP web services, Ant, Oracle web logic server
- Follow up with onsite team members to get clear requirements
- Conducting demos in order to update client for each sprint
- Improving code quality for better performance
- Preparing document for integration guide
- Updating down time of services to the team who is consuming the services

Project Details

- Launch Excellence is used for coordination collaboration of commercially launching products out of our pipeline. It is a web-based, intranet application, designed to track the progress of launching new products for different Affiliates/Areas. The Launch Excellence Tool houses the Customer Launch Framework and Roadmap. It guides the cross-functional launch teams through the launch process and helps to identify risks and opportunities early on. It represents the potential of Customer's worldwide launches in the best way possible to deliver better outcomes to the patients. The tool is simple, user-friendly and intuitive. It is flexible to adapt to the specific affiliate launch environment.

**Programmer Analyst / Spectrum Migration***Cognizant Technology Solution*

05 2016—10 2016

Chennai, Tamil Nadu

- Follow up with onsite team members to get clear requirements
- Conducting demos in order to update client for each sprint
- Providing continuous production support to client

Project Details

- Data Services provides centralized support and management for 36 web services, ensuring reliable and consistent data access for users.
- Built using Service-Oriented Architecture (SOA) to deliver services in a standardized, scalable, and well-planned manner.
- Supports multiple business customers, offering a cost-effective solution for diverse data requirements.
- Categorized into three main service types:
- Third-Party Services: Examples include Property Profile and Hazards services.
- Internal Data Lookup Services: Examples include Producer Number, Fire Protection, and Zip Code services.
- Location Services: Examples include Trillium Service and Geocode Service.
- Supports various front-end applications, allowing them to call these web services to fulfill their specific business needs efficiently.
- Ensures high availability, data accuracy, and maintainability for business-critical operations.

**Software Engineer / MISASIA (Musical information system @ ASIA)***Mitosis Technologies, Chennai*

04 2015—04 2016

Chennai, Tamil Nadu

- Follow up with onsite team members to get clear requirements
- Conducting demos in order to update client for each sprint
- Improving code quality for better performance
- Knowledge sharing among team members
- Providing continuous production support to client

### Project Details

- MISASIA application is used by societies in countries like IPRS (India), COMPASS (Singapore), FILSCAP (Philippines), MCT (Thailand), VCPMC (Vietnam).
- Society members (artiste, lyricist, composer and publisher) will register their work with society it may be solo or group work.
- They will be performing in Radio and live performance from this, member will get royalties.
- This web application consists of maintaining member info, work info, EDI processing, Batch processing, File splitting, and distributing Royalties.

### **Software Engineer / SOLUSHIP**

*Mitosis Technologies*

**02 2014 — 04 2015**

*Chennai, Tamil Nadu*

- Follow up with onsite team members to get clear requirements
- Conducting demos in order to update client for each sprint

### Project Details

- Provide solution for all business challenges of logistics, used Advanced Key technologies. In this project we have integrated Purolator, UPS, DHL, FedEx, Logistic Plus, Loomis and Midland. In this project we also implemented automatic report sending and updating the status of order without any manual process using quartz. We interacting with our customers very closely by sending each and every notification through mail.

### **EDUCATION**

**Master of Computer Application**, *Aalim Muhammed Salegh College of Engineering, Anna University, Chennai, India*

**06 2013**

**Bachelor of Computer Application**, *Annai College of Arts and Science, Bharathidasan University, Trichy, India*

**06 2010**

### **ACTIVITIES**

Delivery Excellence Award	2024
Department Growth Appreciation Award	2023
Work Appreciation Award	2022