

# Sheffer Fernandes

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## Senior Software Engineer

A hardworking Senior Software Engineer having over 7+ years of experience in creating webApplications, desktop applications, and **REST APIs** using various technologies and frameworks. I am skilled in **Java, Spring Boot, JPA, HTML, JavaScript, JSTL, JQuery, Go lang, MySQL, XMPP, MQTT, encryption, retrofit Library, Jx browser, Jasper reports** and software version control. I have successfully delivered projects for variousClients and received positive feedback and testimonials for my outstanding work. I am seeking to join a leading ecommerceCompany where I can use my technical expertise and problem-solving skills to contribute to its growth and success

## SKILLS

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- Programming Languages :- **Java, Golang, SQL**
- Development Frameworks :- **Spring Boot, Spring Security, Hibernate, JPA OAuth 2, Retrofit, JasperReports, JavaFx, Paho**
- Databases :- **MySQL, NoSQL (Elastic Search), SQLite**
- Build Tools:- **Maven**
- Version Control :- **Git, SVN**
- Development Environment :- **Windows**

## WORK EXPERIENCE

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**Point Pi/Lexi Devices Inc** • Mumbai, Maharashtra, India

**03/2020 - 10/2023**

### Senior Software Engineer

- In my most recent role at Point Pi, I migrated a Spring project from **Java 1.6 to Java 11 with Spring Boot**, resolving compatibility issues and improving code quality.
- Utilized **Spring Security** to implement **OAuth 2** protocol for secure authentication and authorization.
- Leveraged **Java 11** and **Spring Boot** with **JPA** to create **REST APIs** for efficient and scalable data management.
- Developed a common jar file and integrated it as a dependency in other modules, reducing code duplication and complexity.
- Utilized **HTML, JavaScript, JSTL, JQuery, Java 11** and **Spring** to create and modify web pages according to given requirements, ensuring functionality and compatibility across browsers and devices.
- Developed Charts & Graphs with **HighCharts**, visualizing data and trends in an engaging and informative way.
- Utilized **Paho** library to create a **MQTT** client that connects and publishes to a **MQTT** broker, facilitating efficient and robust communication between devices.
- Utilized **Go lang** to create a **MQTT** service to connect and subscribe to a **MQTT** broker and save data to a
- **NoSQL** database (**Elastic Search**) , facilitating high-performance and adaptable data management.
- Developed **AWS Lambda** function and wrote code in python to communicate with our in house IOT devices, enabling serverless and cost-effective device management.

**Sanda Office Management Services Pvt. Ltd** • Mumbai, Maharashtra, India

**04/2018 - 03/2020**

### Software Developer

- During my tenure at Sanda Office Management Services Pvt. Ltd, I developed several Modules using **JavaFx** for given Project in Desktop.
- Developing and Implementation with **Xmpp** for the given Project in both Android and Desktop.
- Implementation of **RSA** and **AES** Keys for Encryption in Several Modules.
- Implementation of **Retro Fit Library** to call **REST APIs** in Both Android and Desktop Application.
- Developed Rest APIs using **SpringBoot**. Implementation of **Jx Browser** Integrated into **JavaFx** in Desktop.

**Immortal Computer Lab Icl** • Mumbai, Maharashtra, India

**03/2016 - 03/2018**

**Java Software Developer**

- During my tenure at ICL, I created a Software Version Control Utility and administered the same
- Designing, Developing and Implementing Several Integrated Modules of EMSS and ICLIGM Software.
- Jasper Reports Implementation and Administration for both EMSS and ICLIGM Software.
- Installation/Deployment and Testing the EMSS and ICLIGM software. Managing multiple projects simultaneously from conception through completion.

EDUCATION

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**Bachelor of Science in Information Technology**

**2015**

University Of Mumbai • Mumbai, Maharashtra, India

**Science**

**2012**

S.M. Shetty Jr. College • Mumbai, Maharashtra, India

**2010**

Evangelist High School • Mumbai, Maharashtra, India