

# Yokenthiran N

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## PROFILE

- **Full-stack Software Engineer** with 3 years 7 months of experience developing scalable banking solutions.
- Proficient in Java, Spring Boot, JSP, and database systems like MSSQL and Oracle.
- Delivered production-ready modules for BOI, SIB, IB, and IOB with high focus on performance and automation.
- Specialized in generating custom reports using JasperReports to streamline audit processes.
- Skilled in bug fixing, existing screen modifications, and developing new UI/backend screens as per client requirements.
- Currently transitioning into AI development with expertise in building rule-based chatbots in Java.
- Focused on grammar parsing, SQL generation, and dialogue handling without using external AI libraries.

## PROFESSIONAL EXPERIENCE

**Software Engineer – Full-Stack Developer**, Ncssoft Solutions 01/2022 – 07/2025  
Chennai, India  
**Product:** Ethic – Auditee Solution for Banking (BOI, SIB, IB, IOB)

- Built scalable full-stack modules using Java, Spring MVC/Boot, XML, Oracle, and MSSQL.
- Enhanced UI/UX with JavaScript, jQuery, JSP, and CSS.
- Created and integrated Jasper reports, improving auditing efficiency by 20%.
- Automated manual workflows, reducing errors and increasing data accuracy.
- Delivered custom screens and reports (PDF, Excel, MIS) across Legal, Vendor, and Centralized Audit modules.
- Provided ongoing support and feature upgrades based on client requirements.

## SKILLS

### Experience Skills — Expert

- **Languages:** Java, JavaScript, SQL, XML, JSON
- **Frameworks & Tools:** Spring Boot, Spring MVC, JSP, JSTL, JasperReports, JPA, Microservices, Multithreading, Tomcat
- **Version Control:** Git
- **Databases:** MSSQL (T-SQL), Oracle (PL/SQL), MySQL, MariaDB
- **Frontend:** Java Script, HTML, CSS, jQuery
- **Core Concepts:** Data Structures, Collections, Java Stream API
- **AI/NLP (Custom):** Rule-based chatbot development in Java (no external libraries)
- **Others:** Redis

### Personal Skills

- **Certifications Completed:** Python, Exploratory Data Analysis (EDA), Data Science, Machine Learning
- **Ongoing Studies:** Power BI, Tableau, Artificial Intelligence
- **Others:** C++, MongoDB

## PROJECTS

**Experience Projects – Full-Stack Developer**, Ncssoft Solutions – Product: Ethic (Banking Audit Solution)

### BOI (Bank of India)

- **Legal Module:** Designed and developed the Legal module to streamline compliance workflows.
- **Compliance & Management Audit:** Contributed to compliance module and management audit workflows, improving audit tracking and documentation.
- **Closing Returns Module:** Developed to automate audit closure, ensuring timely finalization and accurate reporting for BOI.

### IOB (Indian Overseas Bank)

- **Vendor Module:** Created and implemented the Vendor module, enhancing vendor auditing processes.

### SIB (South Indian Bank)

- **Centralized Audit Module:** Built a comprehensive module integrating audit data across departments.

### AI Report Chatbot (Java + SQL)

- Built a Java-based chatbot capable of understanding report names, columns, and audit context to dynamically generate SQL queries and output results in PDF/Excel without using any AI libraries.

### Diary

- Developed a diary-style web app to upload, store, and analyze personal data with visual insights and tagging.

## EDUCATION

**B.E. Robotics Engineering**, Dhanalakshmi Srinivasan College of Engineering

2021  
Perambalur, India

**Diploma in Robotics Engineering**, Valivalam Desikar Polytechnic College

2017  
Nagapattinam, India