

Sourabh George

+91 9562268488

Java Full Stack Developer

sourabhgeorgeofficial@gmail.com

portfolio

linkedin.com/in/sourabhgeorge | github.com/sourabh-git-dev

Profile Summary

Software Developer with an MSc in Computer Science and over 2 years of professional experience as a Web Developer and IT Support at Richard Co. Completed a 1-year Java Full Stack Developer Trainee program at QSpiders, gaining hands-on experience in Java, Spring Boot, JPA, Hibernate, JDBC, Servlets, SQL, React JS, JavaScript, HTML5, and CSS3. Passionate about building innovative, efficient, and maintainable software solutions using modern development practices.

Work Experience

- **Java Full Stack Developer Trainee - QSpiders** *Nov 2024 - Nov 2025*
 - Completed a full-time, practical Java Full Stack Development program.
 - Developed full-stack applications using React JS, HTML5, CSS3, JavaScript for the front end and Java, Spring Boot, JPA, Hibernate, JDBC, Servlets, and SQL for the back end.
- **Web Developer & IT Support - Richard & Co** *June 2020 - July 2022*
 - Developed and maintained company websites, ensuring security, and performance optimization.
 - Provided IT support including installation, configuration, and troubleshooting of applications such as Tally Prime and other client-specific software.

Skills

- **HTML5:**
 - Created responsive and well-structured web pages using HTML5.
- **CSS3:**
 - Skilled in styling and layout, including responsive design and user-friendly interfaces.
- **JavaScript:**
 - Proficient in ES6+ features such as arrow functions, promises, destructuring, async/await.
 - Familiar with DOM manipulation, event handling, integrating APIs using Fetch or Axios.
 - Worked with JSON data structures for exchanging data with APIs.
- **React JS:**
 - Used props and state to manage and pass data between components.
 - Integrated RESTful APIs using Axios and managed state with Hooks (useState, useEffect).
 - Implemented client-side routing using React Router for smooth navigation.
- **Java:**
 - Strong understanding of core Java and OOP concepts including classes, objects, encapsulation, inheritance, polymorphism, abstraction, and interfaces.
 - Knowledge of Collections ArrayList, HashMap, HashSet for efficient data storage and retrieval.
 - Java exception handling, file I/O, and serialization.

- **Spring Boot:**
 - Developed RESTful APIs with Spring Boot and configured dependency injection, application properties for scalable backend applications.
 - Implemented security features using Spring Security for authentication and authorization.
 - Implemented CRUD operations with Spring Data JPA, Hibernate, and JDBC.
- **SQL:**
 - Experience creating and managing tables and databases.
 - Strong knowledge of RDBMS concepts, SQL data types, constraints, and SQL statements including DDL, DML, DCL, TCL, and DQL.
 - Skilled in writing joins, subqueries, grouping, and using SQL functions.
- **Communication Skills:** English (Fluent), Malayalam (Native), Hindi (Beginner), Tamil (Beginner)

Projects

- **Efficient Compression Of MRI Images Using Deep Learning Techniques** 2024
Project focused on compressing medical images, optimizing storage without compromising diagnostic quality.
 - Technologies Used: Python, TensorFlow, Attention U-Net, Autoencoder architectures.
 - Engineered a two-phase pipeline: segmenting MRI scans with Attention U-Net and compressing with Autoencoders.
- **NSS Management System** 2023
Project Management, Development, Collaboration, Documentation
 - Technologies Used: HTML5, CSS3, JavaScript, Java, MySQL, Version Control: GitHub
- **Car Rental Website** 2020
Final Year Project — Development and Documentation
 - Technologies Used: HTML5, CSS3, JavaScript, PHP, Bootstrap, MySQL

Education

- **Mahatma Gandhi University (School Of Computer Sciences)** MSc. Computer Science
2022–2024
- **University Of Calicut (LISSAH College)** BSc. Computer Science
2017–2020

Certifications

- **Java Full Stack Developer (2025):** Core Java, Spring Boot, J2EE, SQL, React Js, Web Technologies, Hibernate.
- **SQL Bootcamp (2025):** CRUD operations, Grant and revoke, Joins.
- **Advanced Deep Learning Techniques (2024):** Transfer Learning, AutoEncoders, LSTM, GAN.
- **Introduction to CEH (2023):** Ethical hacking, Kali Linux, phishing, cybersecurity tools.