Sourabh George

Java Full Stack Developer

+91 9562268488

sourabhgeorgeofficial@gmail.com

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

Profile Summary

Software Developer with an MSc in Computer Science and certified training in Java Full Stack Development. Skilled in back-end technologies Java, SQL and front-end technologies React JS, JavaScript, HTML5, CSS3. Experienced in projects involving machine learning and deep learning. Strong problem-solving ability with a passion for building scalable and innovative software solutions.

Work Experience

- **Web Developer & IT Support** *June 2020 – July 2022*
  Richard & Co

  - Developed and maintained company websites, ensuring responsive design, security, and performance optimization.
  - Updated and managed website content to improve user experience and accessibility.
  - Provided IT support including installation, configuration, and troubleshooting of applications such as Tally Prime and other client-specific software.
  - Managed network setup, monitoring, and troubleshooting to minimize downtime and ensure smooth operations.

Skills

- **HTML5**:

  - Good knowledge of creating structured, responsive web pages with semantic elements, multimedia, and hyperlinks.

- **CSS3**:

  - Skilled in styling and layout, including responsive design and user-friendly interfaces.

- **JavaScript**:

  - Proficient in ES6+ features such as arrow functions, promises, async/await.
  - Familiar with DOM manipulation, event handling, and integrating browser APIs for dynamic UIs.
  - Experience using JavaScript with HTML5/CSS3 to create dynamic and responsive interfaces.
  - Worked with JSON data structures for exchanging data with APIs.

- **React**:

  - Learned and practiced building Single Page Applications (SPAs) using React.
  - Created reusable components for building modular UIs.
  - Used props and state to manage and pass data between components.
  - Applied hooks like useState and useEffect.
  - Worked with API calls using fetch().

- **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.

- **SQL**:
  - Experience creating and managing tables and databases.
  - Strong knowledge of RDBMS, SQL data types, and constraints.
  - Familiar with SQL statements: 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

- **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.