Joel Jackson John

Portfolio: JOEL JACKSON JOHN - Portfolio
Github:https://github.com/joeljacksonjohn/
Linkedin: (8) Joel Jackson John | LinkedIn

Email: joeljacksonjohn07@gmail.com
Address:Soubhagya,Pallickal,P.O,
Manjadithara,Kayamkulam,Kerala,690503
Mobile: +91- 9495361024
Location: Kayamkulam, Kerala

Summary

Detail-oriented Java Full Stack Developer with hands-on experience in designing, developing, and deploying scalable web applications. Skilled in Java, Spring Boot, Hibernate, and RESTful APIs on the backend, with basic knowledge in frontend technologies including HTML, CSS, JavaScript. Good knowledge of database (MySQL) and version control using Git/GitHub. Experienced in the full software development lifecycle, problem-solving, and delivering efficient, user-friendly solutions. Adept at collaborating in agile teams and continuously learning emerging technologies.

Technical Skills

• **Programming Languages**: HTML, CSS, JavaScript, Java, SQL

• **Databases**: MySQL

• **Version Control**: Git, GitHub

• **Business Intelligence**: Microsoft Excel, Microsoft Power Point, Microsoft word

• **Soft Skills**: Leadership, Public Speaking, Time Management, Problem-Solving, Critical Thinking, Adaptability

Experience

Luminar Technolab   Kochi, Kerala
Java Full Stack Developer Intern   *May 2025 – Present*
- Frontend Development – HTML, CSS, JavaScript.
- Backend Development – Core Java & Advanced Java concepts (OOP, Collections, Multithreading). Java EE / Spring Framework (Spring Core, Spring Boot, Spring MVC, Servlet, JSP)(learning). RESTful API development and integration(learning).
- Database Management – SQL fundamentals and queries. MySQL for data storage and retrieval. JDBC & Hibernate ORM for database interaction.
- Tools and Practices – Maven for project management (learning). Postman for API testing(learning). Eclipse, IntelliJ IDEA, Notepad ++, Command Prompt as IDEs.

Projects

• ZEPHYR -Smoke Detector and Weather Station: Developed a smart system that integrates a smoke detection module with a weather monitoring station to enhance safety and environmental awareness. The smoke detector identifies fire hazards in real time, while sensors measure parameters.

• Density Based Traffic System: Designed and implemented an intelligent traffic control system that uses vehicle density detection to optimize signal timing at road junctions. By monitoring real-time traffic flow with sensors.

• Spice-Net: Developed a dynamic web application for buying and selling cardamom using Java Servlets. The project features user authentication, product management, and transaction handling. MySQL was used as Database.

Education

• Amal Jyothi College of Engineering, Kottayam, India   *August 2021 – April 2025*
    B-Tech – Electronics and Communication Engineering   *CGPA:7.20*
• Good Shepherd Public School, Kottayam, India   *April 2020 – May 2021*
    12th from Central Board of Secondary Education   *Percentage:86*
• Holy Mary Central School, Alappuzha, India   *June2018 – June 2019*
    10th from Central Board of Secondary Education   *Percentage:84*

Achievements

• AICTE Certificate of Internship

• Qualcomm Wireless Academy course certificate

• Artificial Intelligence – National level workshop of IEEE

• Java Basics

• Generative AI