



Somnath.R

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 yourjavacoder.blogspot.com  Somnath R

Objective

Dedicated and experienced trainer with a passion for empowering individuals to reach their full potential through engaging and interactive learning experiences.

Education

- E.G.S.Pillay Engineering College - Nagapattinam** 2019 - 2023
B.E (Electrical And Electronics Engineering)
8.8
- Kalaimahal Matriculation Higher Secondary School - Sembanarkoil** 2018 - 2019
HSC
83%
- Kalaimahal Matriculation Higher Secondary School - Sembanarkoil** 2016 - 2017
SSLC
98%

Experience

- Tata Consultancy Services** 27-06-2024 -
Mainframe Developer
 - Proficient in COBOL, JCL, and DB2 for developing and maintaining mainframe applications.
 - Experienced in batch and online processing systems
 - Skilled in analyzing business requirements and transforming them into efficient technical solutions
 - Strong hands-on expertise in writing, debugging, and optimizing COBOL code
 - Knowledgeable in database management and query writing using DB2
 - Familiar with VSAM and other mainframe file management systems
 - Conducted and supported UAT (User Acceptance Testing) to validate application functionality
 - Involved in production support, identifying and resolving issues in live systems
 - Participated in legacy system enhancement and data migration projects
 - Able to work independently or in teams under tight deadlines

- Skill-Lync** -
Corporate Trainer

Program: Internet of Things (IoT) Course for Polytechnic Colleges

Role:

- Designed and delivered curriculum covering IoT fundamentals, microcontrollers (Arduino/Raspberry Pi), sensors, and real-time data communication.
- Trained students on integrating hardware with cloud-based platforms for data visualization and control.
- Guided hands-on lab sessions and mini-projects, ensuring practical understanding of IoT applications in smart systems.
- Helped bridge the gap between academic learning and industry expectations through real-world examples.

- Rareminds** -
Corporate Trainer

Program: EV Battery Management Course for Arts and Science Colleges

Role:

- Provided in-depth training on electric vehicle (EV) fundamentals, focusing on battery architecture, BMS (Battery Management Systems), charging techniques, and thermal management.
- Educated students on lithium-ion cell chemistry, state-of-charge (SoC), and state-of-health (SoH) calculations.
- Conducted interactive sessions with case studies on EV applications, safety standards, and industry trends.
- Enhanced student readiness for careers in green energy and electric mobility sectors.

Mainframe Technical Skills

- COBOL
- JCL
- DB2
- VSAM

Technical Skills

- Java (Servlet, JSP, JDBC)
- Front-end (HTML, CSS, JavaScript)
- Mysql
- IOT
- Microsoft office

Java Project

- **E-commerce Management System**
 - An E-commerce Management System using **JSP, Servlet, and JDBC** allows users to browse products, add them to a cart, and make secure payments. It manages products, users, and orders, with admin features for adding, updating, and deleting products. JSP handles the front-end, Servlets process requests, and JDBC manages database interactions.

College Projects

- Touchless Doorbell
- Radio Detection And Ranging
- Alcohol Detector
- Case study on Sanitary Napkins
- V2G technology using DC fast charging Architecture

Interpersonal Skills

- Leadership
- Public Speaking
- Presentation
- Chronosynthesis

Languages

- Tamil
- English
- Malayalam (Learning)
- Hindi (Learning)

Achievements & Awards

- Zonal level winner (Running 400m and 800m)
- Sports Coordinator of my College
- Volunteer in Social Activities
- Chess Olympiad Torch Runner - 2022
- Half Marathoner