Jesus Jernic Roy A

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FaceBook | LinkedIn | GitHub

EDUCATION

SCOTT CHRISTIAN COLLEGE
M.Sc in Computer Science
May 2023 | Nagercoil, TN
Percentage: 85%

SCOTT CHRISTIAN COLLEGE
B.Sc in Computer Science
June 2021 | Nagercoil, TN
Percentage: 81.7%

CARMEL HR SEC SCHOOL
HighScool. April 2018 | Nagercoil, TN
Percentage: 70%

SKILLS

PROGRAMMING
Advanced: Java | Spring boot |
PL/SQL | SQL | Shell & bash
Intermed: Angular 11 | Python | Neo4j

TOOLS & TECHNOLOGIES
Git | Eclipse | Oracle 19c | VS Code
My SQL | Jboss Server | Docker | AWS
Bitbucket | Jira | EC2

FRAMEWORKS
Spring Boot | Apache Spark | Kafka

TECH PROFILE LINKS

Portfolio:// jernicroy.github.io
Github:// github.com/jernicroy
Coding Profile:// leetcode/jernicroy

COURSEWORK

GRADUATE
- Advanced Java | DBMS
- Object Oriented Programming
- Analysis and Design of Algorithms
- Cloud Computing
- Machine Learning

ACHIEVEMENTS

ACADEMICS
1. PG club Secretary - 2023
2. Secured 1st Rank in college - UG
3. Received Class Topper awards in 2019,2020,2021

CODING
1. 1st in Debugging in Symposium at Rohini College of Engineering
2. Secured Debugging awards in Symposium at various colleges

EXPERIENCE

ASIR TECH | Software Engineer
June 2023 - Present | Nagercoil, TN

- Developed and Implemented the web application projects using Java 8, Angular11, ojdbc, Spring boot, Micro services, PL/SQL and Docker
- Working knowledge in complex PL/SQL queries, Procedures, Functions and Views in Oracle 19c SQL Developer.
- Implemented Docker containerization for microservice and ERP apps, enhancing hot deployment and scalability.
- Optimised SQL queries which increases 60% performance of the application
- Utilized Java/J2EE, Spring boot technologies to develop web application for client server environment and add functionalities to existing applications.
- Developed the architecture for Restful Api's using Spring Boot and Maven.
- Worked in all phases of the SDLC in Agile Methodology.
- Good understanding of common API technologies, such as OAuth, Struts and SAML with Okta Idp and Keycloak.
- Conducted unit testing using JUnit and Mockito frameworks.
- Tech Stack: JavaEE, Spring boot, Pl/SQL, Struts, Angular11, Spark, Docker Database: MySQL, Oracle 19c, Neo4j and MongoDB

ASIR TECH | Software Engineering Intern
Dec 2022 – May 2023 | Nagercoil, TN

- Collaborated with the development team to design and implement new software features.
- Built application for data processing with Apache Spark and Apache Kafka.
- Wrote clean and efficient code following software development best practices.
- Conducted testing and debugging to ensure software quality and functionality
- Tech Stack: Core Java, Spring, JSwing, Kafka Database: PostgreSQL, MySQL

PROJECTS

FACE RECOGNITION ATTENDANCE SYSTEM | Machine Learning
Nov 2022 – Dec 2022 | Python, Tensorflow, OpenCV
The Real-time face recognition attendance system is a highly effective solution in various educational institutions and workplaces.
The system utilizes advanced deep learning-based face recognition models such as MTCNN and FaceNet to detect and recognize faces in real-time video streams.

CRIME SCENE ANALYZER | Image Processing
Jan 2021 – April 2021 | Python, MatLab
- Crime Scene Analyzer is to predict the criminal involved in Crime. A Visual clue (object, place) of image retrieves the similar crime and criminal details among the knowledge base.
- Led the development of Crime Scene Analyzer, the first ever breakthrough predicting the suspect with their patterns — Quick link

AWARDS

2023	1st/60	Debugging in CSE Symposium at Rohini Engineering College
2023	1th/120	Debugging in IT SYmposium at Rajas Institute of Technology
2022	2nd/150	Jumbled words in CSE Symposium at Rohini COllege