

# 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 | C++ | PL/SQL | SQL

Intermed: Angular | Python | NoSQL

### TOOLS & TECHNOLOGIES

Git | Eclipse | Oracle 19c | VS Code

My SQL | Jboss Server | Docker

### FRAMEWORKS

Spring Boot | Apache Spark | Kafka

## TECH PROFILE LINKS

Portfolio:// [jernicroy.github.io](https://jernicroy.github.io)

Github:// [github.com/jernicroy](https://github.com/jernicroy)

Coding Profile:// [leetcode/jernicroy](https://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**
- 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.
- 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**, **JSP**, **Angular**, **Spark**, **Docker**  
Database: **MySQL**, **SqlDeveloper**, **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 POC for data processing app with **Apache Spark** and **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	1 <sup>st</sup> /60	Debugging in CSE Symposium at Rohini Engineering College
2023	1 <sup>th</sup> /120	Debugging in IT SYmposium at Rajas Institute of Technology
2022	2 <sup>nd</sup> /150	Jumbled words in CSE Symposium at Rohini COLlege