

Jesus Jernic Roy A

+91 9789610910 | jesusjernicr@gmail.com | Portfolio
FaceBook | LinkedIn | GitHub | Leetcode

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

HighSchool. 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

AWARDS

1. 1st/60 — Debugging, CSE
Symposium, Rohini Engineering
College, 2023

2. 1st/120 — Debugging, IT
Symposium, Rajas Institute of
Technology, 2023

ACHIEVEMENTS

ACADEMICS

1. PG club Secretary - 2023
2. Secured first 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

SUMMARY

- Software Engineer with 2+ years of experience in designing, developing, and deploying enterprise applications.
- Proficient in Java, Spring Boot, Angular, PL/SQL, Docker, and Cloud (GCP/Azure) with strong focus on API development, microservices, and authentication (OAuth/SAML/Okta).
- Hands-on expertise in AI integration, microservices, Oracle PLSQL, Kafka, and database optimization that delivers up to 80% performance improvements.

EXPERIENCE

ASIR TECH | SOFTWARE ENGINEER

June 2023 - Present

- Implemented Okta SAML2 authentication in Spring Boot + Angular, securing 100K+ daily logins with 99.99% uptime.
- Built and deployed an AI chatbot (Gemma & Mistral LLMs) integrated with Teams/Slack via Azure Bot Services.
- Optimized REST APIs in Spring Boot + Gradle, reducing response times by 60%.
- Optimized Oracle 19c PL/SQL queries,procedures, boost performance by 80%.
- Delivered apps with Java 17, Angular 16, Spring Boot microservices, and PL/SQL and deployed in GCP Kubernetes cluster using Terraform
- Containerized ERP and microservices with Docker, enabling hot deployment and scaling on GCP Kubernetes.
- Integrated OAuth, Struts, and SAML with Okta IdP + Keycloak for security.
- Built Kafka producer/consumer components for real-time messaging.
- Conducted unit testing using JUnit and Mockito frameworks.

Technologies: Java, Spring Boot, Docker, Apache Kafka, Spark, Oracle 19c, MySQL, Angular, LLM/Agentic AI, Python

ASIR TECH | SOFTWARE ENGINEERING INTERN

Dec 2022 – May 2023 | Nagercoil, TN

- Collaborated with the development team to design and implement new software features.
- Built an application for data processing with Apache Spark and Apache Kafka.
- Conducted testing and debugging to ensure software quality and functionality
- Tech Stack: Core Java, Spring, J Swing, Kafka
Database: PostgreSQL, MySQL

PROJECTS

FACE RECOGNITION ATTENDANCE SYSTEM | MACHINE LEARNING

Nov 2022 – Dec 2022 | Python, Tensorflow, OpenCV, Tkinter, Flask API

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 an 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](#)