

Josanth Smilan



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EDUCATION

CHRIST (Deemed to be University)

Master of Computer Applications, 70%

Bangalore, Karnataka

July 2023 – Present

LOYOLA COLLEGE (Affiliated to Madras University)

Bachelor of Science, in Computer Science, 83.56%

Chennai, Tamilnadu

July 2020 – May 2023

PROJECTS

QR Based Attendance Solution (QAS) | Java, Android SDK, Kotlin, MySQL Server

[Source Code](#)

- Developed and implemented an automated attendance solution for 500 hostel students, streamlining hostel management workflows.
- Designed a QR code attendance solution that automated data capture and streamlined integration with MySQL databases, empowering over 200 users to access real-time attendance records without data loss.

Hotel Management System (HMS) | Java Swing, JDBC

[Source Code](#)

- Transformed hotel operations with a Java-based system, integrating real-time tracking to optimize room management and bookings for 8 sections.
- Enforced advanced data security protocols to safeguard guest privacy of 2 console system.

Alumni Platform Solution (APS) | React, RESTful APIs, Express.js

[Source Code](#)

- Developed Full-Stack Application: Created a dynamic frontend using React and built RESTful APIs with Express.js, facilitating efficient management of over 1,000 alumni profiles and achieving a 95
- Lead Team and Improved Workflow: Coordinated a team of 3 developers, conducted code reviews, and automated server monitoring with Nodemon, resulting in a 25

IoT-Based Smart Light Controller (SLC) | C lang, Arduino, RFID

[Source Code](#)

- Designed and Executed an IoT-based smart lighting system 1.0, utilizing Arduino, advanced sensors, and real-time data analysis to optimize lighting automation based on environmental conditions.
- Integrated real-time data communication protocols for seamless sensor interaction and responsive control.

CERTIFICATIONS

Certification on Advance Cyber Security Conducted by MeitY Central Government Of India - 2023

AWS Cloud Foundation in AWS academy (Amazon web services)

Machine Learning in Coursera with Affiliate partner (University Of London)

LEADERSHIP EXPERIENCE

Hospitality Committee Head

Gateways 2024, Christ University, Bangalore

November 2024

Logistics Team Lead

Gateways 2023, Christ University, Bangalore

October 2023

Department Joint Secretary (JS)

Xibit-2.0 2023, Loyola College (Autonomous), Chennai

May 2022

TECHNICAL SKILLS

Programming Languages: Java, Python

Framework: React.js, Flask

Version Control: Git, GitHub

Web Programming: HTML, CSS, JavaScript

Database & Cloud: MongoDB, AWS EC2, MySQL

SOFT SKILLS

Managed a 5-member cross-functional (product, engineering, sales, support) team and coordinated with six business partners toward the successful launch of an e-commerce platform.