

# Colin Christon Dcruz

✉ colinchriston@gmail.com ☎ +91 9900637521 📍 Mangalore, Karnataka

🌐 linkedin.com/in/colinchristondcruz/ 🐙 github.com/Colin-Christon

## WORK EXPERIENCE

### Surya Digitech Private Limited | Software development intern

03/2024 – 07/2024

Bangalore, India

- Explored Kotlin programming language, focusing on advanced topics such as properties, generics, collections, and coding conventions.
- Utilized YAML files to define Remote Procedure Call (RPC) specifications, extended knowledge on Flyway, JOOQ and PostgreSQL database.
- Gained experience with the Git version control system, learning the fundamental commands for managing repositories.

## PROJECTS

### Note Management System

Tech Stack : Kotlin, RPC (YAML), PostgreSQL, Flyway, JOOQ

- Designed and implemented RPC endpoints using YAML, generating efficient server/client code.
- Implemented secure user authentication and session management using short-lived (SLT) and long-lived tokens (LLT).
- Developed CRUD operations for notes, including creating, deleting, listing, and modifying notes.

### E-commerce Application

Tech Stack: Java, Spring Boot, MySQL, Postman

- Built a multi-layered architecture, handling browser requests through controllers, with a service layer and data layer performing CRUD operations using JPA ORM.
- Developed a Spring Boot-based e-commerce application, implementing dependency injection, efficient communication between the application and database, facilitating response handling from the server.

### Quiz Mobile Application

Tech Stack : Java , XML , Android Studio, Figma

- A quiz app is an interactive tool that evaluates user knowledge and expertise on a certain topic
- Created a dynamic system that presents users with a variety of topics like Data Structure, History, and Operating System.
- Integrated a responsive timer that counts down the allotted time for each question, adding an element of challenge.

## EDUCATION

### Bachelor of Engineering in Computer Science & Engineering

2020 – 2024

St Joseph Engineering College

Mangaluru, Karnataka

CGPA : 9.06

### State Board XII PCMB

2018 – 2020

Sri Venkataramana Swamy PU College

Bantwal, Karnataka

87%

### SSLC

2018

Loretto English Medium High School

Bantwal, Karnataka

91.04%

## TECHNICAL SKILLS

### Languages :

Kotlin, C, Java, Spring Boot, Python, SQL, HTML, CSS, Javascript

### Database :

MySQL, PostgreSQL

### Developer Tools :

Git, Docker, VS Code, IntelliJ IDEA, Postman