

# Slayde Sequeira

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## Summary

I am a Computer Engineering student passionate about app development, creating user-friendly digital experiences. Seeking opportunities to contribute my skills and creativity to dynamic software engineering projects.

## Education

### Fr. Conceicao Rodrigues College of Engineering (Honors in Data Science)

May 2021 - May 2025

Bachelor in Computer Engineering

CGPA: 8.99 (6 Semesters)

## Internship Experience

### Svirtz Technologies Pvt Ltd

#### Web and App Developer Intern

1st Oct - 30th Dec 2023

Developed a native Android application for seamless video conferencing, integrated with pre-existing website functionalities.

**Tech Stack:** Native Java, XML, Node.js, MySQL

#### Web and App Developer Intern

1st April - 30th May 2024

Developed a web application utilizing Spring Boot for backend and React for frontend, enabling scraping of bond data from various websites and displaying it on the company's website.

**Tech Stack:** React, Springboot

### DigiHelic Solutions Pvt Ltd

10th Dec - 31st Mar 2024

#### Web Developer Intern

Built a user-centric immigration website with task management, document storage, and real-time updates to streamline processes.

**Tech Stack:** Next.js, Node.js, Express, MongoDB, Firebase

## Projects

### Smart Bin+

May 2023 - Apr 2024

Developed a smart waste management system integrating IoT and machine learning for responsible disposal with mobile app and cloud features.

**Tech Stack:** Native Java, XML, Firebase, Node.js, IoT, Machine Learning

### College Management System

Jan 2023 - Mar 2023

A responsive web platform for automating exam schedules, grading, and attendance tracking in universities.

**Tech Stack:** React.js, Firebase, Node.js

## Co-curricular Activities

### CSI CRCE Technical Head

2023-2024

Managed multiple tech events and hackathons as the Senior Technical Head of CSI CRCE.

### Computer Department Social Media head at CRCE

2023-2024

Managed social media handles of the Computer Department.

## Achievements

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**First Place Sun Hacks 2024 International Hackathon**  
**First Place Ingenium 2.0 Hackathon**  
**2nd Place Techvista Coding Contest**  
**3rd Place Algholics 2.0 Coding Contest**  
**Bit n Build 2024 Finalist**

## Skills

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**Android Development:** Java, Kotlin, XML, Flutter (basic)  
**Web Development:** Next.js, React, HTML, CSS, JavaScript  
**Database:** MongoDB, SQL, Firebase  
**Backend:** Node.js, Express, Django, Flask  
**Cloud Services:** GCP, AWS

## Courses

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<b>AWS Developing Course</b> - AWS Academy	Feb - Apr 2024
<b>Complete Android Development Course</b> - Udemy	Jan - Mar 2023
<b>Geodata Processing in Python</b> - ISRO	20 - 24th Feb 2024
<b>J.P. Morgan Chase and Co Virtual Internship</b> - Forage	15th-18th Feb 2023
<b>Oasis Infobyte Virtual Internship in Android Dev</b> - Oasis Infobyte	May - June 2023

## Research Work

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<b>SmartBin+: Elevating Responsible Waste Disposal with Rewards</b> Lead author of a research paper selected for the 4th International Conference on Sustainable Expert Systems, affiliated with IEEE. The research focuses on developing an intelligent waste management system utilizing IoT and machine learning to incentivize proper waste disposal. <b>Tech Stack:</b> IoT, Machine Learning, App Development, Firebase, Node.js <b>Publication Status:</b> Presented at ICSES 4th Conference, pending publication.	Sept 2023 - Oct 2024
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