

# Floyd Jostin Sequeira

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## WORK EXPERIENCE

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### Ukshati Technologies Private Limited | Software development intern

- Developed responsive user interfaces using React.js, enhancing user experience with dynamic components and efficient state management.
- Built and optimized backend services with Node.js and MySQL, and deployed using Docker for containerization, ensuring scalability and smooth integration.

03/2025 – 05/2025

Mangaluru, India

## PROJECTS

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### Vehicle Classification and Detection using Neural Networks

*Tech Stack: Python, Keras, TensorFlowLite, Flutter, Dart, Supabase, YOLO(v9/v11)*

- Designed and implemented YOLO-based deep learning models for real-time vehicle detection and classification, achieving high accuracy across diverse datasets (KITTI, UA-DETRAC, IRUVD).
- Built a Flutter mobile application integrated with TensorFlow Lite, enabling real-time interaction with trained models for detecting and classifying emergency and regular vehicles.

### Inventory Management System

*Tech Stack: React.js, Express.js, MySQL, Tailwind CSS, Postman*

- Developed RESTful API-driven features for quote generation, search and customer management, integrating React-based frontend with Express.js and MySQL backend.
- Implemented dynamic search, edit and PDF view/download functionalities, improving efficiency in managing business quotes and customer data.

### E-commerce Website

*Tech Stack: HTML5, CSS3, JavaScript*

- Built a responsive website using HTML, CSS and JavaScript with features like product listings, shopping cart and order management.
- Implemented client-side storage using Local Storage to retain cart data and user records, ensuring a seamless shopping experience without a backend database.

## EDUCATION

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### Bachelor of Engineering in Computer Science & Engineering

2021 – 2025

*St Joseph Engineering College*

Mangaluru, Karnataka

CGPA : 8.74

### State Board XII PCMB

2019 – 2021

*St Aloysius PU College*

Mangaluru, Karnataka

92%

### State Board X

2018 – 2019

*St Joseph High School*

Mangaluru, Karnataka

88%

## TECHNICAL SKILLS

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### Languages :

Python, Java, SQL, HTML, CSS, JavaScript, Dart

### Frameworks & Libraries :

React.js, Next.js, Node.js, Express.js, Flutter

### Developer Tools :

Git, Docker, VS Code, Postman, Figma

### Database :

MySQL, MongoDB

## CERTIFICATIONS

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- Java FullStack (Wipro)
- Web Development (Motion Cut)