



# OSHADHI RAJAKARUNA

## SOFTWARE ENGINEER INTERN

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## ABOUT

A detail-oriented Computer Science student with a solid foundation in programming, problem solving, eagerly looking for opportunities to learn, innovate, and grow in a collaborative environment. Passionate about tackling complex challenges and contributing to impactful projects

## TECHNICAL SKILLS

### • Languages

Java, C#, Python , HTML, CSS,  
JavaScript, PHP, Dart (Flutter)

### • Frameworks

.NET, Java Swing, React.js

### • Databases

Firebase, MSSQL Server Management  
Studio, MySQL, MongoDB

### • Software

Acumatica Cloud, Postman, Figma, Git  
hub, Adobe Photoshop, After Effects,  
Illustrator

## CERTIFICATIONS

### • Certified Technical Specialist

Acumatica Cloud

### • Certified Application Developer

Acumatica Cloud

### • API Fundamentals Student Expert

Postman

### • Supervised Machine Learning

Deeplearning.AI & Stanford Learning

## WORK EXPERIENCE

### Propylon One

JULY 2024 - PRESENT

Technical Consultant Intern

- Assisted in the implementation, customization, and testing of ERP solutions, contributing to a 20% improvement in system efficiency and a 15% reduction in bug rates.
- Provided technical support to users, troubleshooting issues, and creating documentation that enhanced user onboarding and system adoption.

## EDUCATION

### BSc(Hons) Computer Science

2023-2026

University of Westminster

GPA: 3.6

### Foundation Certificate in Higher Education - IT

2022

Informatics Institute of Technology, Colombo 06

Grade: Distinction

### G.C.E (Ordinary Level) Examination

2022

St. Bridget's Convent, Colombo 07

Grade: 4A's 3B's 2C's

## PROJECTS

### RAVEN - Software Development Group Project

- Developed a real-time fall detection system and emergency hand gesture detection using machine learning, achieving an impressive 85% accuracy rate.
- The system is integrated with a mobile application that provides real-time notifications and alerts in case of falls or emergency hand gestures. It also notifies relevant authorities for immediate assistance.
- Technologies/tools: Python, Flutter/ Dart, Firebase, Firestore, Figma, TensorFlow, Git Version Control.

### Healthcare system API

- Designed and implemented a comprehensive Health System API using JAX-RS.
- Focused on REST API design and implementation for managing healthcare data.
- The Health System API handles CRUD operations for person, patient and doctor records; links patients to medical history; manages appointments; securely stores medical records; and handles prescriptions and billing.
- Technologies/tools: Java, JAX-RS, Maven, Postman.

## EXTRACURRICULARS

- **Batch Representative**  
Informatics Institute of Technology
- **Member**  
Girl's Football Team of IIT
- **Member**  
Rotaract Club of IIT
- **Editor**  
Interact Club of St. Bridget's Convent
- **Leader**  
Senior Orchestra St. Bridget's Convent



## PROJECTS

### FilmVerse

- Built a dynamic movie discovery platform using React.js for the user interface and Appwrite for the trending movies algorithm.
- Focused on creating an intuitive, responsive design with Tailwind CSS, enhancing the user experience for browsing and discovering movies.
- Implemented key features including searching for movies, displaying trending content, and offering a sleek, modern UI/UX
- Technologies/tools: React.js, Appwrite, Tailwind CSS

### Shopping Cart

- Built a shopping cart by utilizing OOP concepts for development.
- The console application for admins included the following features Add Product, Delete Product , Print Products and Save Products.
- A Swing UI was created for customers and it included features such as filtering products, checking product availability, adding product to cart and purchasing it.
- Technologies/tools - Java, Java Swing

## REFERENCES

### Nalin Fernando

Global Partner Manager - CISCO

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### Kumudesh Ariyasinghe

Senior Consultant (Success Delivery) - IFS

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