

CLIFFORD JESTIN

Address: Ernakulam, Kerala, India

Mobile: +91 9037246230

Email: cliffordjestin@gmail.com

LinkedIn: <https://www.linkedin.com/in/clifford-jestin>

CAREER SUMMARY

A dedicated computer science student specializing in data science and health informatics, with a passion for leveraging technology to drive innovation in healthcare. I strive to harness the power of data to solve real-world problems and develop transformative solutions. Motivated to create meaningful change in the health sciences by integrating data-driven insights, AI, and emerging technologies to enhance decision-making and improve patient outcomes.

EDUCATION

Oct 2022 - Present	Bachelor of Technology in Computer Science (Specialization in Health Informatics) VIT Bhopal, India <ul style="list-style-type: none">CGPA: 8.69Expected completion: January 2026Relevant coursework: Health Information Technology, Programming Languages, Database Systems, Clinical Decision Support System, AI in Healthcare
Jul 2021 - Jun 2022	International Indian School Dammam, Saudi Arabia (12th grade) <ul style="list-style-type: none">Grade: 80%
Apr 2019 - May 2020	International Indian School Dammam, Saudi Arabia (10th grade) <ul style="list-style-type: none">Grade: 91%

PROJECTS

Oct 2023 - Dec 2023	1. Web Application for Lung Transplant <ul style="list-style-type: none">Designed and developed a web application to streamline the detection and selection of suitable lung donors across the country.Implemented donor-recipient matching based on blood groups for accurate assessments.Utilized XAMPP for storing, updating, and deleting patient details, enabling efficient data management and seamless database operations
Jun 2024 - Aug 2024	2. Malarial Parasite Detection using YOLO <ul style="list-style-type: none">Developed a machine learning model using YOLO to detect malarial parasites from blood smear images with high accuracy.Collected and labelled a large dataset, applied data augmentation, and optimized the model through hyperparameter tuning and cross-validation.Evaluated model performance using metrics such as precision, recall, and F1-score. 3. Hospital Management System <ul style="list-style-type: none">Developed a Hospital Management System that enables efficient management of patient, doctor, and appointment records.Implemented CRUD operations for patients and doctors, and designed a booking system for scheduling appointments.Utilized Java for backend logic, MySQL for database management, and JDBC for database connectivity. 4. Simple Music Player App using Android Studio <ul style="list-style-type: none">Developed a simple music player app using Android Studio, featuring an intuitive user interface.Implemented using Java/Kotlin and Android SDK components such as MediaPlayer and RecyclerView.

WORK EXPERIENCE

Oct 2024–Nov 2024

Email Marketing Intern

GEMA Education

- Assisted in executing email marketing campaigns targeted at different schools.
- Utilized YAAM for bulk email distribution and campaign management.
- Monitored email performance metrics such as open rates and engagement.

TECHNICAL SKILLS

Programming Languages	Java, Python, SQL, PL/SQL
Documentation	Office Suites - Excel, Word, PowerPoint and other
Languages	English, Hindi and Malayalam
Tools & Platform	Canva, Android Studio

SOFT SKILL

Communication, Problem Solving, Leadership, Time Management, Critical Thinking

TRAINING/COURSE

1. IoT with Raspberry Pi

Cranes Varsity, Bangalore

- Participated in a two-day training session on IoT using Raspberry Pi, covering key concepts such as sensor integration, data collection.

2. Introduction to Java (Coursera)

3. IBM Data Science

EXTRACURRICULAR ACTIVITIES

- Participated in **AI Hackathon**-Visvesvaraya National Institute of Technology (VNIT), collaborated with a team of 3 to create a mental health companion.
- Volunteer Member of Malayalam Club, VIT BHOPAL
- Participated in ADVITYA Sports Fest 2024, University Football Team and secured 2nd Place.
- Organized the AARAMBH Football Tournament 2023 (STUDENT COORDINATOR)