

# ANNIE PAUL



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LinkedIn

## Education

### VIT Bhopal University

*B.Tech in Computer Science, Specialization in Health Informatics*

Expected May 2026

CGPA: 8.45

### Our Own English High School, Sharjah

*12th Standard (CBSE)*

July 2022

90.4%

### Our Own English High School, Sharjah

*10th Standard (CBSE)*

July 2020

89.4%

## Projects

### UNITY SERVE – An Integrated Platform for Empowering NGO's in India

April 2025

Developed a web platform with microservices for social welfare, including food donation and emergency contacts

Enabled volunteer registration system to connect individuals with NGOs for impactful community service

Implemented role-based access, real-time Firestore sync, integrated chatbot, and GPay

### Malaria Parasite Detection Using YOLO Algorithm

Feb 2024 – Present

Demonstrated high accuracy in detecting malaria parasites across diverse datasets

Contributed to improved diagnostic efficiency and targeted treatment planning

Proposed scalable solution for real-world healthcare applications

### Autism Detection Using Machine Learning

Aug 2023 – Nov 2023

Developed ML model to analyze behavioral/communication patterns for autism detection

Identified key predictive features for early diagnosis assistance

Aided healthcare professionals with data-driven assessments

## Certifications

HTML, CSS, and JavaScript for Web Developers (Coursera, John Hopkins University)

Simulink and MATLAB Onramp (MathWorks)

SQL (Basic & Advanced) - HackerRank

IBM Blockchain Fundamentals (IBM)

MERN Full Stack (Ethnus Codemithra)

## Extracurricular Activities

### Health Informatics Club, VIT Bhopal

Jun 2023 – Present

*Co-Lead & Core Member of Design Team*

Designed posters for ADVITYA 2023, Marathon, and World Mental Health Day

### Eureka Club, VIT Bhopal

Nov 2023 – Present

*Event Designer*

Created event plans, posters, and props for university activities

## Technical Skills

**Languages:** Python, Java, SQL, HTML/CSS/JavaScript

**Tools:** MySQL, Canva, MATLAB, Blockchain Fundamentals

**Frameworks:** MERN Stack, YOLO Algorithm

**Languages:** English (Fluent), Malayalam (Fluent), Hindi (Conversational), Tamil (Conversational)

## Achievements

Maintained 100+ day LeetCode streak with multiple HackerRank badges

HackerRank: C++ (3 stars), Python (2 stars), Java (2 stars)