ANNIE PAUL

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Education

VIT Bhopal University   Expected May 2026
B.Tech in Computer Science, Specialization in Health Informatics   *CGPA: 8.54*

Technical Skills

Languages: Python, Java,SQL, HTML/CSS/JavaScript
Data Analytics & Visualization: Power BI, MySQL, Pandas, Matplotlib
Tools & Platforms: GitHub, PyCharm, Google Colab, Canva

Experience

DB4Cloud Technologies Pvt. Ltd. (Remote)   Jun 2025 – Sep 2025
Data Analyst Intern-Development Team

Developed and deployed interactive Power BI dashboards providing real-time KPIs and cutting manual reporting time by 15%

Conducted research to support strategic initiatives, enhancing overall project effectiveness

Streamlined ETL processes with cross-functional partners,boosting team productivity

Projects

UNITY SERVE – NGO Empowerment Platform   Apr 2024 - Present

Engineered a full-stack web application using the MERN stack to streamline donation management with multiple services

Designed a responsive front-end with React.js and Figma, improving mobile accessibility and user engagement.

Developed RESTful APIs for real-time data processing and integrated GitHub for version control and team collaboration.

Malaria Parasite Detection Using YOLO   Feb 2024 - Aug 2024

Implemented a YOLO-based computer vision system to automate parasite detection in blood smears, reducing analysis time by 70%.

Preprocessed and annotated 1000+ images using Roboflow and trained model with CUDA acceleration in PyCharm.

Evaluated model performance using precision, recall, and F1-score, achieving 92% accuracy.

Autism Detection Machine Learning Model   Aug 2023 - Nov 2023

Developed an ML model for early ASD detection using Logistic Regression and SVM, achieving 97% accuracy.

Performed data preprocessing and feature engineering with Pandas and Scikit-learn on a Kaggle dataset.

Built and trained the model on Google Colab, leveraging GPU resources for efficient computation.

Certifications

- **IBM Blockchain Fundamentals(IBM)** 2024
- **MERN Full Stack (Ethmus Codenithra)** 2024
- **HTML, CSS, and JavaScript for Web Developers (Coursera, John Hopkins University)** 2023

Leadership & Achievements

- **Health-o-Tech 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

- Maintained a LeetCode streak of 200+ days and GFG streak of 100+ days

- **HackerRank:** C++ (5 stars), Python (5 stars), Java (2 stars), Problem Solving (3 stars)