



CHRISTYLAZAR ANTONY

COMPUTER SCIENCE ENGINEER

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PROFESSIONAL SUMMARY

Motivated Python Developer and Computer Science Engineer with 1.5+ years of professional experience spanning data analysis and signal processing (NPOL-DRDO/MATLAB) and full-stack web development (Django). Successfully built production-grade applications with user authentication, REST APIs, and database integration. Strong foundation in OOP, version control. Passionate about leveraging new technologies to deliver impactful software solutions.

EDUCATIONAL QUALIFICATIONS

Qualification	Institution	Year	Score
B.Tech in Computer Science & Engineering	College of Engineering, Cherthala, KTU	2024	CGPA: 7.0/10
Diploma in Computer Engineering	Sree Rama Govt. Polytechnic College, Thriprayar	2021	CGPA: 8.51/10
Class 12 - Computer Science	St. Thomas College HSS, Thrissur	2018	Percentage: 82%
Class 10	St. Antony's H.S., Pazhuvil	2016	Percentage: 98%

SKILLS SUMMARY

- **Languages:** Python, SQL, HTML, JavaScript, C
 - **Tools:** Excel, PowerPoint, Git, GitHub, MySQL/PostgreSQL, SQLite, MongoDB
 - **Platforms:** PyCharm, Visual Studio Code
 - **Soft Skills:** Leadership, Team Collaboration, Excellent Communication, Time Management, Problem Solving
 - **Technical Skills:** Django, Flask, REST API, OOP, Version Control, Data Analysis, Signal Processing
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WORK EXPERIENCE

Apprentice Trainee – [NPOL- DRDO]

1 year

- Performed data analysis and signal processing on real-world datasets in a professional R&D environment at NPOL-DRDO, contributing to Defence research projects.
 - Developed MATLAB-based signal analysis scripts for data visualization and simulation, improving the efficiency of technical reporting workflows.
 - Demonstrated strong problem-solving, teamwork, and technical documentation skills; collaborated with senior engineers on research deliverables.
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INTERNSHIP

Full-Stack Developer (Python) - Soften Technologies

6 months

- Designed and developed responsive frontends using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and mobile-friendly layouts
- Applied Python OOP principles, file handling, and error handling to build clean, maintainable backend modules for production-grade applications
- Designed and optimized relational and NoSQL database schemas using MySQL/PostgreSQL, MongoDB, and SQLite for real-world web applications

PROJECTS

E-Commerce Web Application (Django)

3 Months

- Built a full-stack e-commerce platform using Django with secure user authentication and role-based access control
- Implemented product management, shopping cart, and integrated payment gateway functionality
- Tech Stack: Python, Django, HTML, CSS, JavaScript, Sqlite3

PropART (AR Furniture Positioner)

10 Months

- An AR-based object placement and scaling system provides a smooth and user-friendly method for interacting with virtual objects in real-world surroundings .
- Platform: java, xml, android studio

Online Collaborative Whiteboard

6 Months

- This website facilitates real-time collaborative whiteboarding with voice chat, image/document upload, and annotation.
- Platform: HTML, CSS, JavaScript, Google Firebase, socket.io

Boat Management System (BMS)

3 Months

- A Kerala boat route planner app for Thavanakadavu-Vaikom jetty with real-time timetables and service updates.
- Platform: HTML, CSS, Javascript, MySQL

Driver Drowsiness Detection (DDD)

6 Months

- The Driver Drowsiness Detection Android app combats drowsy driving by using the Google Mobile Vision Library to detect the driver's eyes and sound an alarm when the driver appears to be falling asleep.
- Platform: Android Studio, Java, PHP, MySQL

AWARDS & ACHIEVEMENTS

Sports

- Represented IHRD Tharang Fest 2022 in the All Kerala Volleyball Tournament.
- Secured 1st position in discus throw and 2nd position in shot put and javelin throw during Sports Day.

Extracurricular

- Secured A grade in NCC "C" certificate as Company Senior Under Officer in 2021.
- Served as NSS Volunteer for NSS Unit 557.