



## Joel Tito

Python Developer | IoT & Cloud Computing Enthusiast  
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## Profile

Passionate Computer Science student specializing in **Internet of Things (IoT)** at CHRIST (Deemed to be University), Bangalore, with a strong foundation in **Python programming** and **IoT systems**. Skilled in implementing real-world solutions through hands-on projects, hackathons, and advanced coursework. Eager to contribute to IoT and sensor research with a commitment to innovation and continuous learning.

## Education

### Bachelor of Technology in Computer Science & Engineering

Specialization: Internet of Things  
CHRIST (Deemed to be University), Bangalore  
2023 - Expected 2027

## Technical Skills

- **Programming:** Python (competitive level), C, C++, C#, Java, Rust
- **Web Development:** HTML5, CSS
- **Cloud & IoT Frameworks:** Docker, AWS IoT, Azure IoT, serverless, fog, edge, and dew computing
- **Tools & Software:** Unity, Blender, Cisco Networking Basics, Distributed Systems

## Relevant Coursework & Certifications

- **SWAYAM:** Cloud Computing (Mobile Cloud, Fog, Edge, IoT Cloud,), Foundation of Cloud IoT Edge ML, Advanced Distributed Systems
- **Coursera:** Getting Started with Azure IoT Hub, AWS IoT Edge Computing Primer
- **Networking Foundation (Cisco):** Completed foundational networking coursework

## Projects & Achievements

- **IoT Project (3rd Semester):** Developed a **Smart Access System** using IoT sensors to monitor and control access points
- **Digital Image Processing:** Winner at Math Expo for innovative concept showcase
- **Competitive Programming:** Finalist at Euphoria 24
- **Robotics:** Created a functional line-follower robot demonstrating automation in motion control
- **Chatbot Development:** Built a chatbot with Python for responsive interactions