

George Sebastian

📍 Thrissur, Kerala ✉ contact@thegeorge.in ☎ +91 9447688423 🌐 thegeorge.in in 🌐

Education

Karunya Institute of Technology and Sciences

2021 – Present

B.TECH IN COMPUTER SCIENCE AND TECHNOLOGY

- GPA: 6.2

Devamatha CMI Public School

2019 – 2021

Grade 12

- Percentage: 80

Experience

Software Engineer Intern

Banglore, India

FirstMeridian Business Services

Feb 2025 – Aug 2025

- Implemented OAuth-based authentication, enabling secure third-party login integration, based on OAuth
- Developed and integrated a role-based authorization system to manage user access and permissions effectively.
- Built a migration script to transfer data between ticketing systems, resolving naming/value discrepancies, and coordinating with the external vendor team to handle issues in real time.

Head & Founder

Coimbatore, India

Cyber Security Club (Karunya Institute of Technology and Sciences)

Aug 2022 – Oct 2024

- Served as the Head of the Cybersecurity Club
- Elevate the club's presence through events and competitions, fostering a vibrant cybersecurity community.

Ethical Hacking Intern

Kochi, India

Tech By Heart

April 2020 – May 2020

- Participated in a one-month remote internship at TBH in April 2020, focusing on cybersecurity
- Worked on client-side malware execution and privilege escalation

Projects

NestJS-Oauth



- NestJS application that implements JWT-based authentication and authorization
- It features a Role-Based Access Control (RBAC) system and a comprehensive User Management module.

FastAPI-SSO



- Developed secure SSO solutions in FastAPI using Auth0 and a custom OAuth 2.0 flow with Google Cloud Console.
- Implemented cookie-based session management, microservices architecture, and enhanced logging with timestamp mixins.

AI-Intrusion-Detection-System



- Built an AI-based IDS using Random Forest, and applied preprocessing to improve detection accuracy.

IOT Fall Detection System With Blynk Integration



- Developed an ESP32 + MPU6050 fall detection system with customizable thresholds and Blynk-based smartphone alerts for real-time monitoring.

Technologies

Languages: SQL, Python, HTML, Javascript, Flutter

Technologies: NestJS, FastAPI, MySQL, Machine Learning, REST API