GEORGE OOMMEN VARGHESE

Software Engineer

georgev2k@gmail.com | +91 8129556684 | Trivandrum, Kerala
LinkedIn

An aspiring software engineer with a strong passion for programming and software development. Well-versed in Object-Oriented Programming concepts and programming languages like C, C++ and Python. Possess a keen interest in learning new technologies and collaborating with experienced professionals to contribute to impactful projects.

EDUCATION

Bachelor of Technology in Computer Science and Engineering
SCMS School of Engineering and Technology
2019 – 2023

Senior Secondary Education
St Thomas Central School
2017 – 2019

SKILLS

- C – Intermediate
- C++ – Beginner
- Python – Beginner
- SQL – Beginner
- HTML/CSS – Beginner
- JavaScript – Beginner
- Gem5(platform)

Language

- English
- Malayalam (Native)

PROJECTS

Misrouting attack on NoC by hardware Trojan attack and its impact analysis
MAY 2023
The main objective of this project is to detect misrouting hardware Trojan attack, analyse its impact on NoC & provide a mitigation measure. Experimental analysis shows that SIM with THANOS provides security against HTs with minimal area and power overhead.

IoT based Paralysed Patient health care system
MAY 2022
It's an IoT based project which uses flex sensor and pulse sensor to continuously monitor the pulse rate and gestures of paralysed patients.

POSITIONS HELD

Front End Developer Intern
TECHPLEMENT   FEB, 2024 – MAR, 2024
Utilized HTML & CSS to create & style web pages. Also got an exposure to JavaScript while working on the project – Clinic Management System

Organizer
PPThackathon(9th Edition)   NOV 2023
Managed registration & ticketing processes. Provided subject matter experts to support participants during hackathon.

Outreach Lead
VIPANCHIKA   JUN 2022
As an outreach lead, I had to reach out to relevant communities, universities & organizations to attract participants.

CERTIFICATIONS

- Python Course for Beginners: Mastering the Essentials – **SCALER**
- Fundamentals of Digital Marketing – **Google**
- ChatGPT and AI Tools – **Skill Nation**
- Self-Driving Electric Vehicles – **KSHITIJ, IIT Kharagpur**