

# NAKUL VIJAY

IT Engineering Student

Aspiring IT student with a passion for technology and problem-solving. Skilled in programming, web development Eager to apply my knowledge and contribute to innovative solutions.



✉ nakulvijaynair@gmail.com

☎ 7293038511

🌐 linkedin.com/in/nakul-vijay

🐙 github.com/nakulvijay

## EDUCATION

### B.Tech in Information Technology Government Engineering College Palakkad

2020 - Present

### Higher Secondary Education Vijayagiri Public School, Thrissur

2018 - 2020

### High School Education METEMHSS, Mannarkkad

2018

## EXPERIENCE

### Campus Lead µLearn GECSKP

2022 - Present

µLearn is a synergic philosophy of education, with a culture of mutual learning. Have organized and coordinated events on campus, including social events, workshops, conferences, and cultural activities.

### Excom Member Beacon GECPKD

2022 - Present

Being a part of Beacon, a Charity Club dedicated to volunteering time, skills, and resources to help others in need and make a positive impact on the community, is a wonderful way to give back.

### IEEE Volunteer IEEE SB GECPKD

2020 - 2021

Actively communicated and coordinated activities related to the organization's events, simultaneously dedicating time to enhancing project management, teamwork, and leadership skills.

## INTERNSHIP

### Engineer Intern, Bharat Electronics Limited (06/2023)

Onsite-Bangalore

- 1) Comprehensive understanding of how large corporations operate, recognizing that they are intricately organized into various **Strategic Business Units (SBUs)**.
- 2) Knowledge of **Project Akash-NG**, a surface-to-air guided missile system with the impressive capability to engage multiple targets at ranges spanning from 70 to 80 kilometers.
- 3) Comprehend that the Akash missile system incorporates **Onboard Software** components like the Autopilot, Command Decoder, as well as **Ground System Software**, including the Control Center, Testing Software, FCC, all developed by the Software Division of BEL

## SKILLS

Python (AI)

Web Development

Figma

Microsoft Excel

Camtasia

## PROJECTS

### Green Gamify - The Recycling Quest (08/2023 - Present)

- Created an interactive mobile game to promote waste management, recycling, and sustainability awareness through virtual environmental cleanup and transformation activities, fostering eco-consciousness

### Smart Traffic Light System Using Vehicle Density (10/2022 - 03/2023)

- Developed a Smart Traffic Light System using real-time vehicle density analysis, computer vision, technologies to optimize signal timings, reducing congestion and improving road safety, demonstrating expertise in urban traffic management.

### Military Database System (07/2021 - 12/2021)

- Designed and deployed a secure, efficient database for defense operations, enhancing data management, security, and operational efficiency while ensuring strict compliance with security standards.

## CERTIFICATES

### Google IT Support Professional Certificate

Google

### Machine Learning for All

University of London

### Workshop on Artificial Intelligence

IEEE SB GECPKD

### Workshop on Digital Marketing

NITC

### Google Cloud Community

GDG India

## ACHIEVEMENTS

### YIP (Young Innovators Programme) - State Level Participation (2021)

K-BUS - Presented a concept to introduce a real-time live tracking feature for KSRTC buses, enhancing the overall experience for customers.

## INTERESTS

Films

Yoga

Music