

# NIKHITHA KONNIKKARA CHANDRAN

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## SUMMARY

As a dynamic and goal-driven B.Tech Computer Science student, I have a strong foundation in Python, web/app development, SQL, and AI technologies. Through academic projects, internships, and hackathons, I've demonstrated the ability to solve real-world problems and build impactful tech solutions. I'm a collaborative team player with a passion for innovation, complemented by skills in graphic design and effective communication. I aim to contribute to cutting-edge software development projects and make a meaningful impact in the tech industry as I begin my professional journey.

## SKILLS

- **Technical Skills:** Python, SQL, C, HTML, CSS, Java (Basic), React JS
- **Certifications:** Elements of AI, Web Development using HTML, CSS, Prompt Engineering, Introduction to Cybersecurity, Introduction Generative AI, AI Primer Certification
- **Soft Skills:** Project Management, Leadership, Creative Problem-Solving, Proper Time Management Effective Communication, Critical Thinking, Teamwork

## PROJECT EXPERIENCE

### Hand Gesture Game Controller

May 2025

- Developed a virtual game controller that uses single hand gestures for games like Subway Surfers, Temple Run, Dino Run etc and steering wheel game controller for car racing games. Used Python, OpenCV, MediaPipe, Python AutoGUI, Webcam.

### NAVEYE: Navigation Mobile App for Visually Impaired

Jan 2025 - May 2025

- An assistive navigation solution designed for visually-impaired individuals. Uses phone camera for obstacle detection and voice-guided alerts to ensure safe movement.
- Integrates outdoor navigation features with real-time object recognition and customizable route-saving, enhancing independent mobility and safety.
- Used Kotlin (Android version), Android Speech Recognition API, Gemini Vision, Jetpack Compose, OpenRoute Service API

### Car Driving School Management System

Aug 2024 - Nov 2024

- The Car Driving School Management System is a web-based solution to enhance management in driving schools by automating and organizing enrollment, scheduling, and record-keeping.
- It has an Admin and Public Interface developed using MySQL (Database), PHP (Backend), HTML, CSS, JS (Frontend)

**Other Projects:** Portfolio Website, Weather App

## EDUCATION

### Rajagiri School of Engineering and Technology, Ernakulam

2022-2026

Bachelor of Technology in Computer Science and Engineering with Honors in Cybersecurity

Current CGPA : 9.38

### Amrita Vidyalayam, Thrissur

2020-2022

Higher Secondary Education -CBSE Class 12<sup>th</sup>

Percent : 97.4%

### Indian School Al Wadi Al Kabir, Muscat, Oman

2008-2020

Senior Secondary Education -CBSE Class 10<sup>th</sup>

Percent : 97.6%

## INTERNSHIP EXPERIENCE

Completed a 2-week internship at Kochi Metro Rail Limited (Remote)

Completed a 6-week internship on Cyber Security - AICTE Edunet Foundation (IBM SkillsBuild)

Completed a 4-week virtual internship on AI and Data Analysis - AICTE (Shell India Market PL)

Completed a 4-week internship on Comfy UI and Stable Diffusion - AICTE Edunet Foundation

## NOTABLE ACHIEVEMENTS

Joint-Secretary - Rajagiri ACM Student Chapter (2025-2026)

Public Relations Lead - Hack Club RSET (2024-2025)

Women Innovation Subcore Team - Rajagiri ACM Student Chapter (2024-2025)