

# 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), ReactJS, Git (Basic)
- **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 Writing, Problem-Solving, Proper Time Management, Effective Communication, Critical Thinking, Teamwork

## PROJECT EXPERIENCE

### Hand Gesture Game Controller

May 2025

- Built a virtual game controller using Python, OpenCV, and MediaPipe to control games like Subway Surfers and racing games with hand gestures and a steering motion.

### NAVEYE: Navigation Mobile App for Visually Impaired

Jan 2025 - May 2025

- Developed an assistive Android app for the visually impaired using Kotlin, camera-based obstacle detection, voice alerts, and outdoor navigation.
- Used Kotlin (Android version), Android Speech Recognition API, Gemini Vision, Jetpack Compose, OpenRoute Service API

### Car Driving School Management System

Aug 2024 - Nov 2024

- Deployed a web-based Car Driving School Management System using PHP, MySQL, HTML, CSS, and JS to streamline enrollment, scheduling, and record-keeping with admin and public interfaces.

**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)