

# 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 and App Development, SQL, AI technologies, and Cybersecurity. Through academic projects, internships, and hackathons, I have demonstrated the ability to solve real-world problems and develop impactful tech solutions. I'm a collaborative team player with a passion for innovation, complemented by skills in graphic design and image processing. 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, Java, HTML, CSS, ReactJS (Basic), Git (Basic)
- **Certifications** : Gemini for Application Developers, Web Development using HTML, Prompt Engineering, Introduction to Cybersecurity, Introduction to Generative AI, AI Primer Certification
- **Soft Skills** : Project Management, Leadership, Creative Writing, Problem-Solving, Strategic Time Management, Effective Communication, Critical Thinking, Teamwork

## PROJECT EXPERIENCE

### Gesture-Driven Virtual 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

- Designed and developed an assistive Android application for visually impaired users, integrating Kotlin-based development with camera-powered obstacle detection, real-time voice alerts, and GPS-enabled 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, Responsive Weather Forecast 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>

Percentage : 97.2 %

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

2008 - 2020

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

Percentage : 97.4 %

## INTERNSHIP EXPERIENCE

Water Metro Live Location Tracker - Kochi Metro Rail Limited (2 weeks , On-site)

AI and Data Analysis - AICTE Shell India Market PL (4 weeks , Online)

Comfy UI and Stable Diffusion - AICTE Edunet Foundation (4 weeks , Online)

Text Encryption using Steganography- AICTE Edunet Foundation, IBM SkillsBuild (6 weeks , Online)

## 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)

Secured 3<sup>rd</sup> position in IEDC Hacks'us III Edition (General Track, Dec 2023)