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 aim to contribute to innovative software and cybersecurity 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 , C++ (Basic), 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

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
- 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 12th
Percent : 97.4%

Indian School Al Wadi Al Kabir, Muscat, Oman   2008 - 2020
Senior Secondary Education - CBSE Class 10th
Percent : 97.6%

INTERNSHIP EXPERIENCE

Completed a 2-week internship at Kochi Metro Rail Limited (On-site)
Completed a 4-week 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
Completed a 6-week internship on Cyber Security - AICTE Edunet Foundation (IBM SkillsBuild)

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)