

Aldrin G

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EDUCATION

Bachelor of Technology - Electronics And Communication Engineering (Expected 2026)

Karunya Institute Of Technology And Sciences

SKILLS

Technical Skills: IoT, ThinkSpeak, IFTTT, Canva, MS Word, MS Excel, MS PowerPoint

Soft Skills: Public Speaking, Team Work, Master Of Ceremony

PROJECTS

Gesture Controlled Prosthetic Limbs - Built a tool to aid people who lost limbs in accidents by building a prosthetic limb which could be controlled by gestures.

TechStack: Arduino, ultrasonic sensor, NodeMcu, ThinkSpeak, IFTTT, App made using MIT App Inventor

Electronic Voting Machine 2.0 - Built a voting device with RFID authentication with distinct admin and candidate access and with interactive LCD display to see instructions to vote and also to see results by the admin.

TechStack: Arduino, NodeMcu, Breadboard, Led's, Buttons, LCD Display, RFID reader module, RFID Tags, ThinkSpeak, IFTTT

RFID Based Smart Cycle Parking System - developed an innovative RFID-based parking stand with an authenticated locking system that ensures your cycle stays safe and secure.

TechStack: NodeMcu, Led's, Buttons, LCD Display, RFID reader module, RFID Tags, Firebase, Servo

Simple Android Apps - By attending the App Development Workshop, developed few apps such as 2x2 Matrix Calculator, Arithmetic Calculator, Dice Game, Coin Toss App which does the respective functions

TechStack: Kotlin, Android Studio

Arduino Library for MuxDemux Module and Shift Registers - Created a library file to ease incorporating MuxDemux module and Shift Registers to increase the inputs and outputs using a microcontroller

TechStack: VisualStudio Code

ACHIEVEMENTS

- Participated in Grand Finale of I2H Innovators Hackathon by Sri Eshwar College (November'22)
- Participated in Shristi'22 by PSG College (October'22)
- Participated in Data Visualization Workshop organized by KHacks and was selected among the top 10 Data Visualizations among the projects submitted by the students who attended the workshop (January'23)
- Participated in App Development Workshop (February'23)
- Participated in AR Filters Workshop (February'23)
- Won Second Prize in a Project Expo conducted by our college (July'23)
- Participated in Build Club Workshop by IITM, and was selected to be a part of Build Club (September'23)
- Participated in Smart India Hackaton 2023, and was selected in the internal hackathon at college level (September'23)
- Secured Elite Rank in the NPTEL Certification "Technical English for Engineers" (October'23)

COURSE COMPLETIONS

- Introduction To IOT by Cisco Networking Academy (October'22)
- Java Programming by Great Learning (October'22)
- Introduction to Cybersecurity by Cisco Networking Academy (September'22)
- AWS DeepRacer by Amazon (September'22)
- Fundamentals Of Blockchain by IndigoLearn (March'22)
- Microsoft Excel - Beginners by IndigoLearn (February'22)

POSITION OF RESPONSIBILITY

- Led a team which was qualified for the Grand Finale of I2H Innovators Hackathon by Sri Eshwar College of Engineering
- Actively helped a lot of students in doing the projects and fabricating the PCB's
- Actively involved in volunteering and intrested in communication and interaction with people and also in innovation and exploring electronic gadgets.
- Served as a coordinator in the Arduino Workshop conducted by the IoT Club in my college