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Ayush Kumar Shah

Bardaghat -4 NawalParasi, Nepal

+917973124576

aayushedu112521198@gmail.com

www.linkedin.com/in/ayushkumar112521198

PROFESSIONAL SUMMARY

I am currentlypursuing B.Tech in Electronics and Communication Engineering, engaging in research-oriented projects. With a penchant for creativity and strong communication skills, I amaeager to delve into IoT-based technology and concentrate on practical problem-solving applications.

TECHNICAL COMPETENCIES

**OS:** Linux |Windows   
**Languages:** BasicJava | Python | HTML | CSS  
**Hardware:** Electronics | Electrical | IOT   
**DataBase:** Firebase  
**IDE:** VS Code | Pycharm | Arduino IDE  
**Other Interests:** Operating System | Identifying & Solving Reallife Problem using IOT

INTERPERSONAL SKILLS

Self-Motivated & Dedicated | Learning from Mistakes | Decision Maker | Problem Alternator | Creative | Goal oriented | Friendly

INTERESTS & HOBBIES

Exploring Electronics devices | Gardening | Cooking

LANGUAGES KNOWN

English | Hindi | Nepali

PERSONAL DETAILS

Mother’s Name: Rubi Devi Shah

Father’s Name: Bhushan Kumar Shah

D.O.B: 15 Jan 2002

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering |   
Chandigarh Group of Colleges, Landran

Session: 2021-2025 | Score: 8.3 CGPA

Intermediate (NEB)| Manimukunda Secondary School, Nepal

Session 2018-2020 | Percentage: 89.25%

Matriculation(NEB) | New Life Secondary School, Nepal

Session: 2017-2018 | Percentage: 93.75%

TRAINING & PROJECTS

**Smart Farming System | Hardware | IOT**

Duration: 2 Months | Team size: 5

* Smart Farm Monitoring System that provides details of the field, suitable condition required for crops along with realtime data of the field to farmer.

**Self-sustained Smart Toilet | Hardware | IOT**Duration: 15 | Team size: 6

* It is fully automatic, self-cleaning and self sustained samrt toilet. From opening of door to disinfection to flushing, everything will be automatic and systematic, providing clean toilet for use.

**Agriquaponics | Hardware | IOT**Duration: 18 | Team size: 3

* It combines agriculture, aquaculture and Hydroponics in one single system with smart and self sustained farming technique. Realtime monitoring through website

ACADEMIC ACHIEVEMENTS

* Got Application number for patent work  
  i. Automatic Wire Fencing machine (2023)  
  ii. Self-sustained smart Toilet (2024)  
  iii. Shockproof electric socket (2024)  
  iv. Agriquaponics system (2024)
* First prize in circuit designing (2024) “Electro Fusion”

CERTIFICATIONS

* AWS Cloud Security “AWS”
* Cloud Computing “Swayam”
* Workshop on Drone Technology”CGC”

EXTRA CURRICULAR & CO-CURRICULAR ACHIEVEMENTS

* First prize in Poster presentation (ICCS 2024)
* Participated in National Science Day Program
* Part of ISRO online course (2023)
* Innovative concept (2023)“L&T Technology”
* Participated in Startup Thrive (2024)”CGC”