



Ayush Kumar Shah

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PROFESSIONAL SUMMARY

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

TECHNICAL COMPETENCIES

OS: Linux | Windows
Languages: Basic Java | Python | HTML | CSS
Hardware: Electronics | Electrical | IOT
DataBase: Firebase
IDE: VS Code | Pycharm | Arduino IDE
Other Interests: Operating System |
Identifying & Solving Real-life 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 smart toilet. From opening of door to disinfection to flushing, everything will be automatic and systematic, providing clean toilet for use.

Agriquaonics | 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. Agriquaonics 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"