

P u k h r a j K u s h w a h

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SKILLS

- Industrial : Internet of Things (IoT), Frontend Development, C++ Programming, Graphical Designing, 3D Modelling/Designing
- Interpersonal : Mentorship, Team Leadership, Project Management

EXPERIENCE

IoT Club, LNCT, Bhopal, India • IoT Club Mentor

March 2023 - Present

Guide students in IoT concepts, covering device connectivity, data management, and practical applications through online simulations and hands-on workshops.

AICTE IDEA Lab Bhopal, Bhopal, India • NGP Intern

Feb 2024 - April 2024

Specialized in 3D design and printing, enhancing skills in modeling software and additive manufacturing.

PROJECTS

Agroguard

Tech Stack - HTML, CSS, JS, ThingSpeak, AI/ML, Sensors, ESP8266, ArduinoIDE, Echo3D

Role - IOT Implementation

Designed a web app for rapid crop disease identification, integrating real-time environmental data via ThingSpeak. Also used Echo3D models for study of different types of plants.

Able Ed

Tech Stack - HTML, CSS, JS, MongoDB, NextJS, WebAR

Role - Frontend Development

Created a web platform with educational games and a class scheduler to aid learning for students with disabilities.

Smart Warehouse

Tech Stack - ArduinoIDE, ThingSpeak, Sensors, ESP8266

Role - Hardware Implementation

Monitored environmental factors in vegetable storage using IoT sensors, with real-time data integration on ThingSpeak.

EDUCATION

LNCT, Bhopal • B.Tech. in CSE with Specialization in IoT

2021 - 2025

CGPA: 8.67 (Current)

Kendriya Vidyalaya No.1, Bhopal • Higher Secondary Education

2021

Percentage: 90%

Kendriya Vidyalaya GAIL, Jhabua • Secondary Education

2019

Percentage: 92%

AWARDS AND ACHIEVEMENTS

SIH 2023 - Grand Finalist

Version Beta (MANIT Hackathon) - Winner

Geekathon 1.0 (VIT-AP Hackathon) - Best Innovation Award