

Patan Fardeen Khan

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ACADEMIC DETAILS

B.Tech, Electronics & Communication Engineering 76%
Annamacharya Institute of Technology and Sciences , Kadapa | 2024

CLASS XII 8.57 CGPA
Andhra Pradesh Board of Intermediate Education (BIEAP) | Narayana Junior College Kadapa | 2020

CLASS X 9.7 CGPA
Andhra Pradesh Board of Secondary Education (BSEAP) | Saint Joseph english medium high school | 2018

EXPERIENCE

AMAZON WEB SERVICES, BRAINOVISION SOLUTIONS INDIA PVT.LTD
Jan 2024 - Apr 2024

Successfully completed a Four-month internship with Brain O vision Solutions Pvt. Ltd. In the role of AWS Intern (Intern ID:BV24AN280), I demonstrated punctuality , diligence and active participation in assigned projects . Throughout the internship I exhibited strong learning abilities and quick adaptability .

PROJECTS

SMART PROTECTION AGRICULTURE SYSTEM
Dec 2023 - Apr 2024

Developed an IoT-based Smart Protection Agriculture System with features like soil moisture and temperature monitoring , an automatic rain roof, and real-time camera surveillance . The system collects sensor data, automates irrigation , protects crops from excessive rain, and sends weather alerts for better farm management .

Key Technologies & Features :

IoT Sensors : Monitored soil moisture and temperature for efficient irrigation .

Automated Rain Protection : Designed a motorized roof system to shield crops from excessive rain .

COURSES SKILLS

Python
SQL
HTML
CSS
JavaScript
React .js
SAP Basis

CERTIFICATIONS

AWS Internship Certificate
Brain O Vision Solutions Pvt. Ltd.,

Python (Basic)
Hacker Rank ,

SQL (Basic)
HackerRank ,

Introduction to Internet of Things
NPTEL ,

LANGUAGES KNOWN

ENGLISH ,
TELUGU ,
HINDI ,
URDU

Shield crops from excessive rain.

Real-time Camera Surveillance : Enabled remote monitoring of farm conditions .

Weather Alert System : Sent real-time alerts for climate changes , helping farmers take preventive actions .

Shop Ease – A Dynamic Shopping Platform

Dec 2024 - Jan 2025

Developed an interactive and responsive e-commerce website using HTML, CSS, and JavaScript , integrating Fake Store API to fetch real-time product data dynamically .

Key Features & Technologies :

API Integration : Fetched and displayed live product details (images, prices, descriptions) using Fake Store API.

Dynamic Product Listing : Rendered product data dynamically without hardcoding .

Shopping Cart & Filters : Implemented interactive buttons , product filtering , and a functional cart system .

Responsive & Cross-Browser Compatibility : Optimized for multiple devices and browsers .

Performance Optimization : Ensured smooth browsing with efficient API calls and UI design .