

Piyush Aryan

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EDUCATION

CHANDIGARH UNIVERSITY

BENG IN COMPUTER SCIENCE

May 2025 | Mohali, Punjab

SGPA: 7.46 / 10.0

(2nd Sem.)

SRI RAMAKRISHNA SARADA M

SENIOR SECONDARY EDUCATION

May 2020 | Hazaribag, Jharkhand

DAV PUBLIC SCHOOL

SECONDARY EDUCATION

April 2018 | Ramgarh, Jharkhand

PROFILES

LinkedIn:// [piyush-aryan](#)

GitHub:// [piyusharyan](#)

CodeChef:// [piyush_81](#)

HackerRank:// [piyusharyan](#)

Quora:// [Piyush-Aryan-5](#)

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms

Object Oriented Methodologies (through Java)

Database Management Systems

SKILLS

PROGRAMMING

C++ • Java (Basics)

HTML • CSS

Familiar:

MySQL • Python (Basics) • R

Programming(Basics) • Linux OS • Git (VCS) & Github

UI/UX DESIGNING

Canva • Figma

Familiar:

Adobe Photoshop CS

PROJECTS

PERSONAL PORTFOLIO | CODE | LIVE

June 2022

- It is a personal portfolio website using Front-end based tech
- It is developed with the **HTML**, **CSS** and **React JS**
- And it is deployed on a web framework - **Netlify** and with custom domain
- and in this project **Git** and **Github** is also used as VCS and **VS Code**.

SMART AGRICULTURE SYSTEM | CODE | PAPER

Mar 2022 – May 2022

- It is an **IoT**- based Smart Irrigation and Monitoring System.
- It is designed with using **NodeMCU ESP8266 Wi-Fi** Module a **Lua** based development board & **DHT11** Temperature Sensor ,**PIR Sensor**
- A Research Paper is also written on this IoT System

E-MAIL CLASSIFIER USING MACHINE LEARNING

Nov 2021

- It is a machine learning based system .
- It uses the **Naive Bayes** Algorithm.
- It is a team project and its accuracy to classify the actual and spam mails is 70 - 77%.
- It is uses the **Google Colab** and Python Programming (**pandas**).

VIRFLIC UI DESIGN FOR A IDEA DISCUSSION PLATFORM FOR CODERS/INNOVATORS | VIEW

July 2022

- It is designed on Figma - design tool.

ACHIEVEMENTS

- Solved 60+ Problems on CodeChef
- Participated & solved 3/7 problems in GCC by Credit Suisse
- School Winner and reached Zonal Level - National Cyber Olympiad (UDAAN)

RESEARCH

A detailed academic research paper on IoT - based Smart Agriculture System

CERTIFICATION

- **Software Conceptual Design - IIT B (NPTEL) - Silver Medal**
- **Ethical Hacking - IIT KGP (NPTEL)**