



ANUJ JAIN

CONTACT

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EDUCATION

2021 - 2025

NIIT UNIVERSITY

Neemrana, Rajasthan

- Bachelor of Technology with CSE
- Data Science Specialization
- Current CGPA: 9.22

2021

PRAGYAN PUBLIC SCHOOL

- 12th standard
- Percentage: 93.33%

2020

PRAGYAN PUBLIC SCHOOL

- 10th standard
- Percentage: 86.33%

PROFILE

Dynamic and motivated Computer Science student seeking an internship position to leverage theoretical knowledge gained through coursework into practical experience. Eager to contribute to innovative projects while continuously learning and developing new skills in the field.

I am eager to contribute my problem-solving abilities, creativity, and enthusiasm for learning to innovative projects while working alongside experienced professionals. Through this opportunity, I aim to further develop my technical skills, expand my industry knowledge.

PROJECTS

WellBiing Healthcare - IOT Based

- Led the development of a hardware prototype for health monitoring, collecting sensor data including blood oxygen, pulse rate, body temperature, and RFID identity.
- Implemented Wi-Fi communication between the prototype and IoT Cloud (ThingSpeak), enabling real-time data transmission and storage.
- Developed a Java application using Object-Oriented Programming (OOP) principles to display sensor data on a dashboard for stakeholders, including patients and doctors.
- Enabled bidirectional communication between the Java application and the IoT Cloud, allowing doctors to add records directly to the cloud if necessary.

WellBiing Healthcare

- Developed a Healthcare Management System integrating Electronic Medical Records (EMRs) into a MySQL database system using JavaFX framework.
- Implemented CRUD operations (Create, Read, Update, Delete) for patient information, medical records, and appointments.
- Designed and optimized the database schema for efficient storage and retrieval of healthcare data.
- Utilized JDBC for seamless connectivity between Java application and MySQL database.
- Collaborated with frontend developers to integrate backend functionality with JavaFX UI.
- Ensured data security through encryption and implemented user authentication and authorization mechanisms.
- Conducted thorough testing and documentation to ensure system reliability and maintainability.

SOFT SKILLS

- Project Management
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

TECHNICAL SKILLS

- Core Java
- Python
- Advanced Java
- Java GUI
- MySQL
- GitHub
- Java Script
- CSS
- HTML
- Bootstrap
- MongoDB
- Express
- React
- Node
- Tableau
- NoSQL Database
(Hive, HBase)

Water-Potability Classification Model

- Spearheaded the development of a machine learning model to classify the potability of water bodies based on sensor data collected in real-time.
- Conducted thorough analysis of water parameters including pollutants, minerals, and other characteristics to identify key features for classification.
- Utilized machine learning algorithms to train and optimize the model, achieving high accuracy in classifying water as potable or non-potable.
- Implemented real-time monitoring systems to continuously assess water quality and provide timely alerts in case of potential contamination or safety concerns.

Alumni Dashboard for NU

- Played a key role in the development of an Alumni Dashboard aimed at facilitating the analysis of alumni data for NU.
- Collaborated closely with stakeholders to understand user requirements and translate them into intuitive and user-friendly frontend designs.
- Leveraged modern web technologies such as HTML, CSS, and JavaScript, MERN stack to create responsive and visually appealing user interfaces for the dashboard.
- Implemented interactive data visualization components using libraries such as Chart.js, enabling stakeholders to track alumni progress effectively.
- Conducted usability testing and gathered feedback to iterate on design improvements, ensuring an optimal user experience.
- Worked in tandem with backend developers to integrate frontend components with backend APIs for seamless data retrieval and display.

The Application Of Virtual Fence In Home Security System

- Designed and implemented a state-of-the-art Home Security System incorporating Virtual Fencing technology to detect and deter potential intruders in real-time.
- Led a team of engineers in developing custom algorithms for human detection and identification within the virtual fence perimeter, resulting in improved accuracy and reliability.
- Integrated the Home Security System with existing CCTV cameras and smart locks, providing homeowners with comprehensive perimeter protection and remote monitoring capabilities.

CERTIFICATES

TRAINING CERTIFICATE



CETPA
TRAINING | DEVELOPMENT | PLACEMENT
www.cetpainfotech.com

Training Completion Certificate

This is to certify that
Anuj Jain
has successfully completed Six Weeks Training on
"Advance JAVA"


Mr. Anil Kumar Singh
Director-Training


Started From
Saturday, June 17, 2023


Mr. Vikas Kalra
Director




Verify this Certificate by Registration Number ETAdva17620236W2301161 at <http://www.cetpainfotech.com>

COURSE COMPLETION CERTIFICATE

**PYTHON INSTITUTE**
Open Education & Development Group

OpenEDG Python Institute Authorized Academy Program

**OPENEDG**


Statement of Achievement

PCAP: Programming Essentials in Python

The graduate of the *PCAP: Programming Essentials in Python* course, provided by **Cisco Networking Academy®** in collaboration with **OpenEDG Python Institute**:

- knows the universal concepts of computer programming, including variables, data structures, algorithms, control flow, functions, and exceptions;
- can proficiently use the developer tools, the runtime environment, and the syntax and semantics of the Python language;
- can use fundamental programming techniques, best practices, customs, and vocabulary, including the most common standard library functions in Python 3;
- can write Python programs using standard language infrastructure, and knows the means by which to resolve typical implementation problems;
- knows how to work with modules and packages, process text and binary files, and use generators, iterators, and closures;
- understands the fundamentals of object-oriented programming (OOP) and the way they are adopted in Python.

Anuj Jain
Student


Maciek Wichary
VP & CEO, OpenEDG

25 Mar 2022
Date

www.netacad.com | www.pythoninstitute.org