

ADITYA ANAND

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Education

Indraprastha Institute of Information Technology Delhi (IIIT-Delhi)

Jan 2020 – June 2024

Bachelor of Technology in Computer Science and Engineering

Kendriya Vidhalaya , JNU

May 2019

Higher Secondary Education (CBSE Board)

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Database Management
- Operating system
- Advanced Programming
- ML in Biomedical App.
- Usable Security and Privacy
- Algorithm in Bioinformatics

Experience

C-DOT(Research and Development)

May 2023 – July 2023

Centre for Development of Telematics, Ministry of Communication (Govt of India)

Delhi

Student Trainee

- Conducted in-depth research on security solutions, with a specialized focus on Intrusion Prevention Systems (IPS) and Intrusion Detection Systems (IDS) during my tenure as a student trainee at CDOT.
- Expanded expertise through hands-on experience with Suricata, enhancing proficiency in threat detection and mitigation techniques. .
- Actively contributed to the identification and prevention of cyber attacks by leveraging Suricata's advanced capabilities, demonstrating a proactive approach to cybersecurity challenges.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.

Projects

E-AUTHENTICATION SYSTEM | *Python, HTML,CSS, Js,Django, SQLite*

April 2023

- Engineered E-authentication system with OTP and QR codes, fortifying user verification for enhanced security.
- Developed OTP generation and distribution via email for seamless authentication and data protection..
- Integrated QR code functionality for quick, secure verification, ensuring user convenience in the authentication process..

REAL-TIME CHAT APPLICATION | *HTML,CSS,JS,SQL,PHP*

May 2022

- Developed a real-time chat application using DBMS principles, JavaScript, HTML, and CSS for seamless communication with instant message delivery.
- Implemented features enabling real-time message exchange, enhancing user engagement and interactivity.
- Utilized MySQL database management to ensure scalable and reliable storage and retrieval of chat data for the app.

COVIN PORTAL | *HTML , CSS , JS , SQL*

October 2020

- Led the development of a multifunctional portal enabling hospital and citizen registration, slot booking, and vaccination status tracking.
- Implemented streamlined vaccine stock management across hospitals via unique IDs using SQL on MySQL Workbench.
- Led the development of a reliable portal for smooth interactions and operations.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, R

Developer Tools: VS Code, Eclipse, IntelliJIdea, Android Studio

DataBase and Management:SQL

Technologies/Frameworks: Linux, GitHub

Leadership / Extracurricular

Operation Team

April 2023

Lead

IIITD

- Led IIITD's operational team for ASTRA Sports Fest, ensuring flawless execution and precise logistics management through effective coordination and leadership..

Volunteer Program at NGO

June 2023 - July 2023

Support Associate

DJJS Manthan

- Supported educational empowerment at DJJS Manthan, teaching underprivileged students and empowering marginalized youth through dedicated efforts.