Dhyey Findoriya

Roll No.:B22EE024
Your Course:
B.Tech in Electrical Engineering
Indian Institute Of Technology, Jodhpur

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. (EE)	Indian Institute of Technology, Jodhpur	7.88 (Current)	2022-Present
Senior Secondary	GSEB(XII)	85.6.0%	2022
Secondary	GSEB(X)	90.5%	2020

EXPERIENCE

- **NullClass** — *April 2024-present*
  Full Stack development intern — From Home
  – Implemented responsive user interfaces with React and managed server-side logic and database operations using Node.js and MongoDB.
  – Integrated secure authentication protocols, optimized application performance, and collaborated with cross-functional teams to deliver high-quality features.

PROJECTS

- **Face Identification** — *March'24-May'24*
  Mentor: Prof. Anand Mishra: *Department of Computer Science and Engineering.* — **Github**
  – Trained ML models (e.g., HOG,CNN, PCA, LBP, LDA) to extract face features. Achieved an accuracy of 87.7 percent on Deep funelled LFW dataset.
  – Utilized Flask for deploying a machine learning model on a web platform enabling facial recognition and person identification from images.
  – Developed a web page utilizing facial recognition technology to identify individuals from images and provide corresponding names.

- **Cyber-attacks on Autonomous Robotic Systems** — *Aug'23-Dec'23*
  Mentor: Prof. Ravi Yadav: *Department of Electrical Engineering.* — **Github**
  – Developed a bike rental system on a pair of Raspberry Pi for managing and renting bicycles, with a focus on ensuring secure and encrypted communication channels.
  – Implemented a secure communication protocol on the Raspberry Pi to send encrypted OTP signals to another using SSH, simulating a secure data transfer mechanism.
  – Conducted ethical and legal penetration testing, including Distributed Denial of Service (DDoS), Man-in-the-Middle (MitM), and Phishing attacks.

KEY COURSES TAKEN

- Data Structure and Algorithms,Machine Learning,Probability statistics and Stochastic Process ,Digital Design, Signal and System.

TECHNICAL SKILLS

- **Programming:** C/C++,Python,R,JavaScript,SQL
- **Tools & OS:** Git, Jupyter Notebook,Google Colab, Linux, Windows
- **Libraries/Frameworks:** Pandas, Numpy, scikit-learn, Keras,Tensorflow,OpenCV2
- **Web Skills:** HTML/CSS/JS, ReactJS/NextJS

POSITIONS OF RESPONSIBILITY

- **Student Guide,**Student Wellbeing Committee — *June.2023 - May.2024*
- **Support Team Member,**Placement Cell, IIT Jodhpur — *June.2023 - May.2024*
- **Public Relation Assistant Head,**Prometeo IIT Jodhpur — *Nov.2023 - Jan.2024*

ACHIEVEMENTS

- **Secured All India Rank 4052** in JEE Advanced 2022 among the 1.2 Lakh shortlisted candidates. — *2022*
- **KVPY SA** Round-1 Qualified — *2021*
- **NTSE Stage-2** qualified (Central Government). — *2020*