LAKSHAY CHAWLA

Engineering Undergrad | Full Stack Web Developer

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EDUCATION

CHANDIGARH UNIVERSITY   2020-2024
Bachelor of Engineering in Computer Science Hons. with specialization in Artificial Intelligence and Machine Learning

- Selected for International Joint Project Collaboration with UNIS Group, Brazil.
- Selected as an event anchor and Student Coordinator for Cultural and Departmental Events.
- Appointed as the Class Representative for 2020 – 2021 batch.

DPS, Hisar   May, 2020
High School Graduation in Pre-Engineering Stream (Physics, Chemistry, Mathematics)

PROJECTS

BLOG WEBSITE   Project link
- Devised a blog website using NodeJS and Mongo DB, with proper UI, for basic operations similar to Google keep.
- Remodeling the front-end interface with React JS.

PERSONAL WEBSITE   Project link
- Designed the front-end and back-end of my personal website.
- Employed various databases and APIs.
- Optimized responsiveness for better User Experience.

LIVE CLOUD STORAGE SERVER   Project paper
- Deployed raspberry pi as a Network attached storage server, to access data from any computer under LAN.

WEATHER WEBSITE   GitHub
- Developed a website to display weather by employing API.

KEY SKILLS

- Data Structures and Algorithms
- C and C++ Programming
- Java Programming
- HTML & CSS
- JavaScript
- jQuery
- SQL & NoSQL Databases
- NodeJS and Express
- MongoDB and Mongoose
- Git and version control
- ReactJS
- Web Scraping using Python
- Graphic Designing
- Content Writing

CERTIFICATIONS

- ***Coding for Everyone – C and C++ Specialization***, *University of California, Coursera*
- ***Complete Python Bootcamp***, *Udemy*
- ***Python Data Structures***, *University of Michigan, Coursera*
- ***Web Scraping with Python + Beautiful Soup***, *Coursera*
- ***Linux Command Line***, *Coursera*
- ***Digital Marketing***, *Udemy*

RESEARCH PAPERS AND PATENTS

MULTILEVEL SECURITY-BASED COMPUTING DEVICE   The Patents Act, 1970
- Currently under Filing Process

UAV DELIVERY SYSTEM   International Journal of Scientific Research and Engineering Management
- Diagnosed the current UAV Delivery system.
- Evaluated the working of Dijkstra Algorithm and Nearest Neighbour Problem.
- Concluded proper costs and efficiency of UAV Delivery system

LIVE NAS SERVER WITH RASPBERRY PI   International Journal of Scientific & Engineering Research
- Deployed raspberry pi as a Network attached storage server, to access data from any computer under LAN.