

LAKSHAY DHOUNDIYAL

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Skilled Graduate with 2+ years of internship experience in electronics, software, and web technologies.

EDUCATION

B.Sc. (Hons.) Electronics | ARSD College, Delhi University | New Delhi | CGPA: 8.5 | 2021-24
Intermediate (Class 12th) | Ramjas International School | R.K Puram, New Delhi | Score: 93% | 2020-21

EXPERIENCE

IoT Development Intern | Next24tech Technology and Services | Remote | April 2024 - May 2024

- Developed a robust system architecture for the Smart Anti-Theft System which resulted in 30% enhanced security. Implemented sensors and other hardware components for unauthorized access detection.
- Integrated communication protocols to facilitate real-time alerts to users and Designed a user interface for monitoring and controlling the system.
- Technologies Used** - Embedded C, Python, JavaScript, Arduino, MySQL, WebSocket and OAuth2.0

Web Development Intern | Nexus Software Pvt. Ltd. | Remote | Jan 2024 - March 2024

- Developed dynamic software web apps while incorporating both front-end and back-end technologies. Worked with API's, servers and version control systems.
- Designed and created databases like MySQL and PostgreSQL to store and manage the application data.
- Technologies Used** - HTML, CSS, Ajax, JavaScript, Bootstrap, JQuery, Reactjs, PHP and MySQL.

MERN Stack Development Intern | Webstack Academy | Remote | Aug. 2023 - Oct. 2023

- Created a MongoDB database schema tailored for a food delivery application and implemented CRUD operations for interacting with the database, ensuring secure and efficient data manipulation.
- Integrated with backend APIs to fetch dynamic data such as restaurant listings, menu items, and user preferences, ensuring real-time updates and synchronization which resulted in a 10% increase in user engagement.
- Technologies Used** - HTML5, CSS3, Bootstrap, JavaScript, JQuery, MongoDB, Express, ReactJs and Node Js

SKILLS

Programming Languages: Python, C/C++, C#, Embedded C, Java, JavaScript, PHP, SQL.

Technologies/Frameworks: HTML, CSS, Django, Bootstrap, Wordpress, JQuery, ReactJs, Express, MongoDB, NodeJs, NextJs.

Databases/Hosting: MySQL, MongoDB, Firebase, PostgreSQL Xampp, Apache, Digital Ocean, Heroku, Google Cloud.

Developer Tools: VS Code, Atom, Canva, IntelliJIdea, PyCharm, GitHub, Git, Gitlab, Figma, Arduino.

Technical Skills: Web Development, Software Engg., AI/ML, Cyber Security, Operating Systems, Computer Networks.

Soft Skills: Problem-solving, Leadership, Communication, Collaboration, Adaptability and Time Management.

PROJECTS

JobJunction: Job Portal Website | ReactJs, Express, NodeJs, MongoDB, Tailwind CSS | June 2024

- JobJunction, built using MERN Stack is an online job portal that allows job seekers to explore diverse job opportunities.
- Features: User Auth, Real-time job updates, Posting Jobs, resume submissions, and application tracking for job seekers.

YouTube Clone | ReactJs, Material UI and RapidAPI | March 2024

- Integrated Rapid API to fetch real video data from YouTube's vast library, enabling features such as searching for videos, browsing popular videos, and viewing detailed information.

E-Learn : Online Learning Portal | HTML, CSS, JS, Bootstrap, AJAX, JQuery, PHP, MySQL | January 2024

- Students can access free courses on this E-learning website and learn online with its assistance.
- Any user can sign up as a tutor and post the necessary learning materials and lectures for the students.

Ultrasonic Range Sensor using Arduino | Arduino UNO, C, HC-SR04 Sensor | October 2023

- Ultrasonic Sensor serves as a proximity meter to detect motion and turn on LEDs when object comes closer to the sensor.
- Applications: Used as a social distancing detector, also in robotic obstacle detections and self-parking technology.

CERTIFICATIONS

- 8 months Diploma in Cyber Security and Ethical Hacking** - Global Defensive Security (Ongoing)
- Google IT Support Professional Certificate:** Technical Support Fundamentals - Coursera (Ongoing)
- Meta Back-End Developer Professional Certificate:** Introduction to Back-End Development - Coursera (Ongoing)

CO-CURRICULAR / ACHIEVEMENTS

- India Book of Records Holder'2024** : Maximum virtual and remote internships completed by an individual in different domains.
- 2 Times Meritorious Student Award** : 2nd Rank in the Department of Electronics, ARSD College, Delhi University in 1st and 2nd Year.
- Research Paper/Publications** : "Smart Devices and IoT in Industrial Applications, 2nd International Conference on "Recent Advances on Functional Materials (RAFM-2024)", ARSD College, Delhi University.
- Vice President and Technical Head** at 'ElectroSPark' (June,24) - Society of Department of Electronics, ARSD College, Delhi University.
- Web Developer** at 'IT Cell', ARSD College, Delhi University.