

RAHUL LAKHCHAURA

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EDUCATION

Graphic Era Deemed to be University	Dehradun, India
Master of Technology in Computer Science Engineering; CGPA: 8.67/10.0	Aug 2023 – Aug 2025
Graphic Era Hill University	Dehradun, India
Bachelor of Technology in Computer Science Engineering; CGPA: 7.42/10.0	Aug 2019 – Jun 2023

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python, HTML5, CSS3, XML
Frameworks & Libraries: React.js, Spring Boot, Node.js, Thymeleaf, Bootstrap, Tailwind CSS
Databases: MySQL, H2 Database
Developer Tools: Git, GitHub, IntelliJ IDEA, VS Code, Postman, XAMPP, Figma(UI)
Core Competencies: Full-Stack Development, RESTful APIs, MVC Architecture, CRUD Operations, Authentication & Authorization, Responsive Design, Agile Methodologies

RESEARCH PUBLICATIONS

A Review of Deepfake Technology: Advancements in Detection and Generation Methods	Jan 2026
<ul style="list-style-type: none">Authors: Rahul Lakhchaura, Parul Madan, Ankit VishnoiConference: 2025 IEEE 7th International Conference on Computing, Communication and Automation (ICCCA)DOI: 10.1109/ICCCA66364.2025.11325599Comprehensive review of state-of-the-art deepfake detection and generation techniques, analyzing datasets, tools, and methodologies in AI-driven synthetic media	

PROJECTS

Welcome to My Personal Portfolio! HTML, CSS, JavaScript	Live Demo
<ul style="list-style-type: none">A showcase of my work, demonstrating proficiency in HTML, CSS, and JavaScript.Current efforts to enhance and transition the portfolio using ReactJS for a more dynamic and user friendly experience.A comprehensive look at my journey, skills, and technical expertise.	
LibraStore - Online Bookstore Platform Java, Spring Boot, Thymeleaf, H2, HTML/CSS	GitHub
<ul style="list-style-type: none">Engineered a full-stack e-commerce web application with role-based authentication supporting Admin and Regular User access levelsImplemented comprehensive CRUD operations for book management with RESTful API design patternsDesigned responsive admin dashboard enabling real-time catalog management (add, edit, delete) and user interface for browsing book inventoryArchitected using MVC pattern with clear separation of concerns across Controller, Service, and Repository layers for maintainability and scalability	
Daily News - Real-time News Aggregator React.js, REST API, JavaScript, CSS3	GitHub
<ul style="list-style-type: none">Developed dynamic single-page application fetching real-time news data from NEWS API with category-based filteringImplemented responsive UI with component-based architecture, enabling users to explore news across Sports, Business, and World categoriesOptimized performance through efficient state management and API call optimization reducing load times by 40%	
Task Management Application Spring Boot, Thymeleaf, H2 Database, Java	GitHub
<ul style="list-style-type: none">Built full-stack task management system with complete CRUD functionality and H2 in-memory database integrationImplemented clean MVC architecture ensuring code maintainability and followed industry best practices for software designCreated intuitive user interface with real-time task updates and seamless user experience	
Text Converter Tool React.js, JavaScript, CSS3	Live Demo
<ul style="list-style-type: none">Developed interactive text manipulation tool with multiple transformation features (case conversion, formatting, character count)Designed responsive and accessible interface ensuring cross-browser compatibility and optimal user experience	

CERTIFICATIONS

Cybersecurity Tools, Techniques and Counter Measures - [SWAYAM \(NPTEL\)](#)

Java Course - Mastering the Fundamentals - [Scaler](#)

Introduction to Programming Using Python - [Coding Ninjas](#)

MySQL Basics - [Great Learning](#)

LEADERSHIP EXPERIENCE

Team Lead - Event Management

6th World Congress on Disaster Management

28 Nov 2023 – 1 Dec 2023

Dehradun, India

- Led cross-functional team of 70+ students to successfully organize international conference with 500+ participants from 30+ countries
- Coordinated with government officials, international delegates, and subject matter experts ensuring seamless event execution
- Managed on-ground operations including workshops, panel discussions, and technical sessions demonstrating strong project management and communication skills