

# Rahul Kumar Ray

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## EDUCATION

### MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY)

BACHELOR OF TECHNOLOGY (COMPUTER SCIENCE AND ENGINEERING)

September 2022 - Present | Mullana, Ambala | Haryana

INTERMEDIATE (12th Grade)

### LAKSHAMI NARAYAN DUBEY COLLEGE

Motihari, West Champaran, Bihar, India

March 2020

HIGH SCHOOL (10th Grade)

### ARPA INTERNATIONAL SCHOOL

Chakia, West Champaran, Bihar, India

March 2018

## EXPERIENCE

### CODESOFT | WEB DEVELOPMENT INTERN

- Designed and developed a professional portfolio website using HTML and CSS, showcasing technical proficiency and creativity in front-end web development.
- Ensured cross-browser compatibility and responsive design implementation, resulting in an optimal user experience across various devices and platforms.
- Gained valuable hands-on experience in web development frameworks and best practices, further enhancing skills and knowledge in the field.
- Primarily used experience with HTML/CSS/JS.

## PROJECT EXPERIENCE

### PASSWORD GENERATOR AND CHANGER | JAVASCRIPT, REACTJS

- Developed a Password Generator tool that creates secure and customizable passwords using user-defined criteria.
- Implemented a Password Changer project that includes validation and strength-checking features for enhanced security.
- Enhanced usability by creating a clean UI and integrating logic for efficient password management.

### REAL-TIME CHAT APPLICATION | REACTJS, NODEJS, WEBSOCKET, TAILWIND CSS

- Built a real-time chat application with features like one-to-one messaging, typing indicators, and read receipts.
- Implemented WebSocket for instant communication between users, ensuring low latency and a smooth user experience.
- Designed an intuitive and responsive user interface using ReactJS and Tailwind CSS for enhanced usability.
- Focused on scalability and implemented error handling to ensure reliability under concurrent user traffic.

## SKILLS

### PROGRAMMING

Python • Java • C/C++ •  $\text{\LaTeX}$

• Javascript

PostgreSQL

Familiar:

Flutter • ReactJS • MySQL • Shell

## ACHIEVEMENTS

Built and Deployed a Portfolio Website

React and Tailwind Proficiency

ServiceNow Certification Training (In Progress)

## COURSEWORK

### SOFTWARE

Algorithms and Data Structures

Computer Systems

Data Analysis

Software Testing

OOP Programming

Software Engineering

Numerical Computation

Linear Algebra

### HARDWARE

ASIC Design

Microcontroller Design/Interfacing

Digital Computer Design and Prototyping

Electronic Circuit Analysis and Design

## TOOLS/APPLICATIONS

Visual Studio

Eclipse

IntelliJ IDEA

Anaconda

### OPERATING SYSTEM

Windows

Linux

Unix

## CERTIFICATE

Java Programming

Frontend Development Certification

MongoDB Certification

ServiceNow (CAD AND CSA in progress)