Rahul Rai

Software Engineer/Software Developer

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SUMMARY

Highly motivated and skilled student at Chitkara University, seeking opportunities to leverage my programming expertise and knowledge of various languages to contribute to innovative projects as a programmer.
I am passionate about software development and front-end technologies, aiming to contribute my skills to a dynamic and growth-oriented organization.

EXPERIENCE

SDE - Intern   Feb — Apr 2025
Bridgelabz Solution Pvt Ltd   Rajpura, India

- Participating in a comprehensive .NET training program focused on building web applications using C# and ASP.NET Core.
- Gaining practical experience with Object-Oriented Programming (OOP) concepts and implementation.
- Learning and applying industry-standard best practices for modern .NET development.
- Collaborating with a team of fellows on small-scale coding projects and real-world challenges to build teamwork and problem-solving skills.
- Engaging in weekly code reviews and feedback sessions to enhance code quality and programming techniques.
- Improving understanding of clean code principles, design patterns, and professional software development workflows.

EDUCATION

Chitkara University	2021 — 2025
G.M.S.S.S 35	2020
G.M.S.S.S 19	2018

CERTIFICATIONS

.Net FullStack Foundation	Mar 2025
Devloping Bakend With Node And Express	Jan 2024
Data Structure And Algorithm	May 2023

PROJECTS & TRAINING PROJECTS

Facial Recoginition System Github

- Developed an automated attendance system using real-time facial recognition in Python
- Designed and implemented face detection and recognition using OpenCV.
- Integrated SQLite3 for secure and efficient storage of attendance records.
- Optimized the recognition process to achieve high accuracy in real-time settings.

HOME HAVEN Deploy   Github

- A MERN stack website that allows users to list places for booking and enables other users to book those places.
- Developed and maintained the frontend using React
- Implemented backend RESTful APIs with Node.js and Express.
- Managed MongoDB for data storage and retrieval.
- **Tech Stack:**
  Node.js   Epress.js
  React.js   MongoDB

Algorithm Visualizer Deploy   Github

- Developed an interactive tool to visualize sorting algorithms (Bubble Sort, Quick Sort, Merge Sort, Selection Sort) and Binary Search.
- Enhanced understanding of algorithmic concepts through real-time visualizations, aiding users in grasping sorting mechanics and search efficiency.
- **Tech Stack:**
  React   Javascript

SKILLS

Programming Languages   Java, C#, JavaScript, Python
Web Development   Node.js, Express.js, React.js, HTML, Css
Database Management   SQL, Mongodb, MS SQL Server
Software Design   OOPS, Design Pattern, Design Principle, Solid Principles