

RAHUL SAXENA

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Objective

Highly motivated and results-oriented Software Development Engineer (SDE) seeking an opportunity to leverage strong Java development skills and problem-solving abilities to contribute to the creation of innovative software solutions at a leading product-based company. Eager to learn and grow within a collaborative environment, contributing to high-quality, scalable, and maintainable codebases.

Education

Masters of Computer Application , Chandigarh University, Punjab – 7.90 CGPA	2024-Present
Bachelor of Computer Application , GIHSM, Lucknow – 78%	2021 - 2024
Intermediate, K. V. OEF Kanpur – 77.4%	2020 - 2021

Technical Skills

Programming Languages	Java, Python.
Frontend	HTML, CSS, JavaScript, React.
Operating System	Windows, Ubuntu [UNIX],
Backend	PHP, NodeJS.
Database	MySQL, NoSQL, AWS
Software	VS Code, XAMPP[Server], PyCharm, IntelliJ Idea.
Version Control	Git, GitHub.

Interpersonal Skills

- Communication
- Teamwork and Collaboration
- Adaptability and Flexibility
- Leadership
- Problem-solving
- Positive Attitude

Projects

Shield ME

April – May, 2023

Introduction: An AI-integrated E-learning platform that assists users with cybersecurity awareness and provides real-time guidance on issues like cyberbullying.

My Role: Independently designed and developed the complete project, including chatbot integration using a dataset-driven AI service.

Tech Stack: HTML, CSS, JavaScript, PHP, SQL.

Key Highlights:

- Enabled users to get instant answers to security-related queries through an AI chatbot.
- Focused on real-world cyber issues to promote safe online practices.
- Designed with a user-friendly interface for accessibility and ease of use.

Recycle Connect

December, 2023– February, 2024

Introduction: A community-focused web application developed using the MERN stack to promote and simplify local recycling efforts.

My Role: Led a team of 4 as Team Leader and handled complete backend development, including database design, API creation, and user authentication.

Tech Stack: MongoDB, Express.js, Node.js, React.js, HTML, CSS, JavaScript.

Key Highlights:

- Developed secure user authentication and account management system.
- Coordinated team efforts, managed task distribution, and ensured timely project delivery.
- Built scalable RESTful APIs and structured the backend for optimal performance.
- Collaborated with frontend developers to ensure smooth integration and consistent user experience.

Connect-4 AI

February, 2025

Introduction: An unbeatable AI-powered version of the classic Connect-4 game using adversarial search and game theory.

My Role: Independently developed the entire game, including AI logic using Minimax algorithm with alpha-beta pruning to ensure optimal gameplay.

Tech Stack: Python, Pygame, AI Search Algorithms (Minimax), Game Theory.

Key Highlights:

- Implemented a competitive AI that evaluates multiple future moves to make optimal decisions.
- Ensured unbeatable gameplay by using depth-limited adversarial search.
- Designed an interactive interface for human vs AI gameplay experience.

Certification

- Training Certification in MERN Stack by Balaji infotech, Lucknow
- Accenture Job simulation completion certificate.
- Codsoft virtual internship certificate.
- JavaScript Basics and Advance Certificate on Hacker Rank.
- Java Basics Certificate on Hacker Rank.

Hobby and Interest

- Watching Anime.