

# RASHI SAHU

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**Github:** <https://github.com/rashi125>

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## PROFESSIONAL SUMMARY

**Full-Stack Developer and published researcher, CSE undergraduate (CGPA: 8.58)**, skilled in building scalable web applications using **React, MERN stack, and Firebase**. Strong foundation in **Data Structures and Algorithms**, with **450+** problems solved across LeetCode and GeeksforGeeks.

## SKILLS

- Languages: JavaScript (ES6+), TypeScript, Python, C++, SQL, R
- Frontend: React, GSAP (Animations), Locomotive.js, HTML5, CSS3
- Backend: Node.js, Express.js, FastAPI, REST APIs, Firebase (Auth/DB)
- Databases & Tools: MongoDB, Git, GitHub, Postman, Render, Deployment Workflows.

## PROJECTS

- 1. Akshar Mitra – AI-Assisted Dyslexia Detection Platform | Full-Stack Developer****React, FastAPI, MongoDB**
  - Developed scalable frontend and backend modules for an AI-assisted learning platform
  - Integrated APIs, database handling, and user workflows for real-world screening use
  - **Resulted in a published research paper and hackathon-winning solution**
  - Repo: <https://github.com/rashi125/Akshar>
- 2. Mental Health Platform | Full-Stack Developer****React, TypeScript, Firebase**
  - Built modular, reusable UI components using React + TypeScript
  - Implemented Firebase authentication and real-time database features
  - Designed responsive layouts focused on accessibility and user experience.
  - Repo: <https://github.com/Shiva-005/The-Beacons-A-Clear-Path-in-Uncertain-times.git>
- 3. Job Search Platform | Full-Stack Developer****React, TypeScript, Firebase**
  - Developed job listing pages with filters, search, and sorting functionality
  - Managed complex state and dynamic data rendering
  - Improved performance and scalability of frontend interactions
  - Repo: <https://github.com/rashi125/job>
- 4. Frontend Projects (GSAP Clone, Bubble Game) | JavaScript, GSAP**
  - Built animation-driven interfaces and interactive browser-based games
  - Focused on UI performance, timing logic, and clean DOM manipulation
  - Links: <https://github.com/rashi125/TWO-GOOD-CO> | <https://github.com/rashi125/Bubble-Game>

## EDUCATION

- **B.Tech in Computer Science & Engineering (2023 – 2027)**
  - Madhav Institute of Technology and Science, Gwalior
  - CGPA: 8.58 (Third Year / Pre-Final Year)
- **Senior Secondary (12th Grade):** Rani Laxmibai Public School | 92% (ISC)
- **Secondary (10th Grade):** Rani Laxmibai Public School | 96% (ICSE)

## ACHIEVEMENTS

- **Published Research Paper(SCIE publication):**  
“Akshar Mitra: A Multimodal Integrated Framework for Early Dyslexia Detection”
- Runner Up – IITM Gwalior Hackathon 2025
- HackerRank SQL Certification – Silver Badge (4★)

## CERTIFICATION

- GfG 160 - 160 Days of Problem Solving.
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