



| Education  | Institute   | Year    | CGPA/%              |
|--|---|---------|---------------------|
| Bachelor Of Engineering<br>(B.E Computer Science & Engineering ) | Chandigarh College Of Engineering<br>and Technology | 2022-26 | 8.69(till 6th SEM.) |
| Intermediate/+2  | G.M.S.S.S 46 - Sector 46 Chandigarh                 | 2021-22 | 91.4%               |
| Matriculation  | G.M.S.S.S, Karsan Chandigarh                        | 2019-20 | 78.6%               |

PROFESSIONAL SUMMARY

Final-year B.E. CSE student with foundational knowledge in Python, Java, OOP, and databases, and growing skills in full-stack development using React.js and Node.js. Eager to apply and expand my learning in real-world projects, with research exposure and experience in collaborative technical and creative roles.

INTERNSHIP EXPERIENCE

- **Software Development Intern**

Traverx AI LLP  
traverxai.in

June 2025 – July 2025

  - Contributed to the development of AI-powered travel automation tools and web platforms.
  - Assisted in building and testing responsive front-end interfaces using React.js and Tailwind CSS.
  - Participated in weekly sprints and collaborated with cross-functional teams to improve product performance.
  - Gained experience in API integration, debugging, and code deployment processes.

PROJECTS

1. **Academic Research Repository** (HTML, CSS, JavaScript, PHP, MySQL, XML, AJAX)  
github.com/Rima-2004/Research-Management-sys
  - Developed a web application to manage research papers, authors, and journals with dynamic CRUD operations.
  - Used XML/XSD for schema validation and MySQL for backend data management.
2. **Code Runner Platform** (React.js, Node.js, MongoDB)  
coderunnerapp.netlify.app
  - Built a full-stack platform for real-time code execution and algorithm recommendation.
  - Integrated a hybrid content + collaborative recommendation engine based on user behavior.
3. **3D Portfolio Website** (React.js, Tailwind CSS, Spline, Vercel)  
portfolio-chi-ivory-q3cxx49n5a.vercel.app
  - Designed a responsive 3D portfolio using React and Spline to showcase projects and technical skills.
  - Deployed on Vercel with interactive UI, contact form, and downloadable resume.

POSITION OF RESPONSIBILITY

- **Design Head | ACM-W Student Chapter, CCET**

(July 2024 – July 2025)

  - Led the creative team for technical events, workshops, and awareness campaigns.
  - Designed posters, brochures, and digital content using Canva and Adobe Illustrator.
  - Collaborated with the core team to execute thematic campaigns aligned with ACM-W goals.

PROFESSIONAL SKILLS

- **Programming Languages:** Python, JavaScript, Java, PHP, HTML, CSS, SQL
- **Frameworks & Libraries:** React.js, Node.js, Express.js, Tailwind CSS, AJAX, Spline, Scikit-learn
- **Databases & Web Technologies:** MongoDB, MySQL, XML, JSON
- **Tools & Platforms:** Vercel, Netlify, GitHub, Canva, Visual Studio Code
- **Key Concepts:** Full-Stack Web Development, CRUD Operations, REST APIs, Responsive Design, 3D Web Interfaces, Recommendation Systems

HONOURS & AWARDS

- **Springer LNNS Proceedings in Press** — Performance Evaluation accepted for publication in *Advanced Computing and Intelligent Technologies, LNNS Vol. 1359 (Springer Nature Singapore, Siena, Italy), 2025.* DOI: [https://doi.org/10.1007/978-981-96-4933-4\\_](https://doi.org/10.1007/978-981-96-4933-4_)
- **Accepted Abstract Paper – ICEAST 2025** — Paper titled *"Optimizing Traffic Flow and System Efficiency in Networks Through AI-Driven Management"* selected for presentation and proceedings at the **International Conference on Engineering, Applied Sciences and Technology (ICEAST), 2025.** <https://iceast.kmitl.ac.th/2025/>