

RACHIT RAWAT

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SUMMARY

Final-year Computer Science student with a versatile skill set spanning Machine Learning, Full-Stack Development, and UI/UX Design, passionate about building data-driven, user-centric products. Demonstrated this by designing and prototyping an interactive 'Smart Statement' financial report, which achieved a 95% clarity rating in user testing. Experienced in developing ML models like recommendation systems and building scalable web platforms with the MERN stack. Grounded in strong Data Structures & Algorithms, I aim to apply my diverse technical skills to create intuitive and impactful financial solutions.

INTERSHIPS

Salesforce Virtual Intern — Smart Bridge (Remote: May 2025 – Jul 2025)

- Designed and implemented custom Salesforce objects, validation rules, and automation workflows using Salesforce Lightning and Process Builder to streamline CRM processes and reduce manual effort.
- Developed Apex triggers and Visualforce pages to extend platform functionality and tailor user experience based on business requirements.
- Collaborated with cross-functional teams to analyze requirements, troubleshoot issues, and optimize CRM workflows, gaining practical exposure to cloud-based enterprise solutions and Agile development methodologies.

PROJECTS

1. MOVIE RECOMMENDATION SYSTEM | (*MACHINE LEARNING, Python*)

- Built a machine learning model in Python that suggests movies based on user-selected preferences.
- Integrated a dataset of **5000+** movies to provide diverse and accurate recommendations.
- Leveraged collaborative filtering to predict user preferences based on viewing history, achieving a recommendation
- **accuracy rate** of **85%** and enhancing user engagement with relevant movie suggestions.

2. Smart Statements – Interactive Report | (*UI/UX Design, Data Visualization*)

- Redesigned the traditional bank statement from a static document into an interactive, mobile-first financial summary to provide users with clear, actionable insights.
- Integrated data visualization to automatically categorize spending into groups like Food, Shopping, and Bills, making complex financial data easily understandable.
- Leveraged information hierarchy to create a scannable dashboard, reducing user cognitive load and turning confusing data into a clear story of their monthly finances, achieving a 95% clarity rating in user testing.

3. COLLEGE COMPARE – Student Search & Comparison Platform | (*HTML, CSS, JavaScript, React,*

Node.js, MongoDB): • Developed a dynamic MERN stack platform for students to search, compare, and bookmark colleges, building RESTful APIs for efficient data handling. Built interactive review sections and designed a fully responsive UI for seamless cross-device compatibility.

- Created backend APIs using Node.js and MongoDB for scalable and efficient data handling.
- Optimized backend performance by applying database indexing and query optimization in MongoDB, ensuring fast data retrieval under increasing user load.

SKILLS

- **Programming Languages:** C, C++, Java, Kotlin, Python.
- **Web Development:** HTML, CSS, JavaScript, React.js, Node.js.
- **Databases:** SQL, MySQL, MongoDB.
- **Tools:** Git, GitHub (hosted academic projects like Mini OS & Mini Compiler), Postman, Figma, illustrator.

ACHIEVEMENTS AND CERTIFICATIONS

- Completed certifications in Google Cloud Computing Foundations (IIT Kharagpur), Android App Development with Kotlin (Udemy) and Full Stack Web Development.
- **Secured 2nd Runner-up position** in university-level Coding Competition, demonstrating strong problem-solving and algorithmic skills.
- Successfully led a cross-functional team of 4 members in delivering Mini OS and Mini Compiler projects on schedule, enhancing my skills in project management, collaborative problem-solving, and technical design.

ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks (%)
Sep 2022 – Present	B. TECH in Computer Science	Graphic Era Hill University, Dehradun	8.43
2021	12th, CBSE	Army Public School Meerut	89.8 %
2019	10th, CBSE	Army Public School Meerut	94.1 %