Sumit Singla

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EDUCATION

Chandigarh University, Mohali   **2021 - 2025**
Bachelor of Technology in Computer Science and Engineering / CGPA : 8.1   Mohali, Punjab

EXPERIENCE

Worked as a Research Intern →   *June 2023 - July 2023*
Intel   Mohali

- Developed interactive data visualizations using Tableau to analyze large-scale datasets.
- Implemented machine learning models to derive insights and optimize business processes.
- Researched and applied AI techniques for predictive analytics and decision-making.

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, Java, Xml, SQL
Frameworks/Libraries: HTML, CSS, React, Bootstrap, Android, AWS EC2
Databases: MongoDB, SQLITE
Developer Tools: Figma, Android Studio, VS Code, Jupyter, IntelliJ, Github.

PROJECTS

1.Team Coordination - Social Media Portal (React, MongoDB, Node)   FEB 2025 - MAR 2025
Mohali

- Developed a single-page social media application using React.js, Node.js, Express.js, and MongoDB, enabling organizational teams to share posts, like, and comment.
- Implemented role-based access control, restricting access to organizational users only for enhanced security
- Enabled team members to update their work progress on personal profiles, fostering transparency and engagement.

2. To Do App To manage Team Tasks (React, SQL, AWS EC2)   DEC 2024 - JAN 2025
Mohali

- Developed a task management system using React.js, Node.js, and MongoDB to streamline office and college project workflows.
- Implemented role-based access control, allowing only Managers or Team Leads to add or delete tasks for security and control.
- Enabled task assignment functionality, where Managers can assign tasks and specify responsible team members.

3. Ecommerce application (HTML, CSS, React, MongoDB, Tableau)   JUNE 2024 - JULY 2024
Mohali

- Built an inventory management system with React.js, Node.js, Express.js, and MongoDB to add/remove items efficiently.
- Developed a sales dashboard using Tableau to analyze and visualize sales data.
- Implemented a recommendation system using MongoDB queries to suggest items based on previous user searches.
- Integrated advanced filtering options in React.js for a seamless customer search experience.

CERTIFICATIONS

- Social Networking using python-NPTEL
- Probability and Statisitics-NPTEL
- C++ Certification-Saylor
- AI For Future workforce-Intel