ASRAHEL A

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Executive Summary

A passionate computer science student with interests in Artificial Intelligence, Machine Learning, and UI/UX design. Skilled in Python programming, MERN stack development, and modern design tools, with hands-on experience in developing intelligent systems and user-centered interfaces. Completed internships in AI/ML and UI/UX design, gaining exposure to real-world project workflows. Excited to contribute technical and creative skills to innovative projects.

Technical Skills

- **Programming Languages:** Python, Java
- **Frontend:** HTML, CSS, JavaScript, React, Figma, Adobe XD
- **Backend:** Node.js, Express
- **Databases:** MongoDB, MySQL
- **Tools:** Canva, GitHub, Adobe XD, Figma
- **Familiar:** Scikit-Learn, Pandas, NumPy, Matplotlib

Projects

Movie Recommendation System using Machine Learning (2024)

Developed a movie recommendation system that predicts user preferences and suggests relevant movies based on collaborative and content-based filtering.

- Implemented data preprocessing, normalization, and feature engineering.
- Used machine learning algorithms to generate personalized recommendations.
- Built using Python, Pandas, NumPy, and Scikit-Learn.

Moodboard UI Design (UI/UX) (2024)

Designed a visually engaging moodboard interface with a focus on user experience and aesthetics.

- Created wireframes and prototypes in Figma.
- Applied typography, color theory, and visual hierarchy principles.
- Ensured user-friendly navigation and responsive layout design.

Online Chat Application (MERN) (2025)

Developed a real-time chat application enabling one-to-one and group conversations.

- Used WebSocket for real-time communication.
- Implemented authentication and message storage.
- Built using MongoDB, Express, React, Node.js.

Internships

Intern – AI/ML | Internpe (Sep 2023 – Oct 2023)
• Learned Python libraries: NumPy, Pandas, Matplotlib.
• Understood ML concepts (supervised, unsupervised learning).
• Gained familiarity with Scikit-Learn, TensorFlow, and PyTorch.

Intern – UI/UX Design | Cognfyz (Sep 2023 – Oct 2023)
• Learned UI/UX principles: wireframing, prototyping, user research.
• Gained hands-on experience with Figma, Adobe XD.
• Applied typography, color theory, and visual hierarchy.

Courses and Certifications

• Introduction to Machine Learning – NPTEL
• Object Oriented System Development Using UML, Java, and Patterns – NPTEL
• Programming in Java – NPTEL
• Fundamentals of Python – Cisco
• Responsive Web Design – FreeCodeCamp

Education

B.E. Computer Science and Engineering **CGPA – 7.87**
Ramco Institute of Technology
2022 – 2026
HSC:
Shalom Matric Hr Sec School **PERCENTAGE – 82%**
2022