Alfa S Nadaf

Computer Science Undergraduate — Aspiring Software Engineer

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Summary

3rd-year Computer Science undergraduate with skills in Java, C, and Web Development. Interested in building practical applications and improving problem-solving abilities through projects and internships. Eager to learn and contribute in collaborative environments.

Skills

- **Programming:** C, Java (DSA), HTML, CSS, JavaScript
- **Tools:** Basic experience with low-code / no-code platforms (VibeCoding tools)

Experience

Generative AI for Software Development ⸻ **Aug 2025**
IBM Skill Build (Online Training)
- Completed hands-on training on Generative AI applications in software development.
- Explored AI-powered tools for code generation, debugging, and optimization.
- Applied concepts to mini-projects involving automation of simple coding tasks.

College Hackathon – GenAI and Agentic AI ⸻ **Aug 2025**
Team Participant
- Participated in a 12-hour hackathon focused on Generative AI and Agentic AI solutions.
- Collaborated with team members to design a prototype addressing real-world use cases.
- Gained exposure to AI model integration, prompt engineering, and workflow automation.

Projects

Blood Bank Donation System | *DBMS, HTML, CSS, PHP, MySQL* ⸻ **April 2025**
- Developed a database-driven application to manage donor details, blood stock, and requests using MySQL as the backend.
- Designed ER diagrams and relational schemas to model donor–recipient relationships and blood inventory management.
- Implemented SQL queries for donor registration, blood request processing, and stock availability checks.
- Created a simple web-based interface using HTML, CSS, and PHP for interaction with the database.

Tic Tac Toe Game (Java GUI) | *Java Swing* ⸻ **July 2025**
- Built an interactive 2-player Tic Tac Toe game with a graphical user interface using Java Swing.
- Implemented game logic for detecting wins, draws, and invalid moves.
- Enhanced usability with a restart option and clear board reset function.

Awards & Certifications

- **DSA in Java – Udemy (2024):** Completed structured training on Data Structures and Algorithms using Java.
- **Software Engineering Virtual Experience – Accenture (2025):** Completed job simulation covering project design, testing, and development practices.
- **Algorithmic Solutions – Coursera (2024):** Gained exposure to fundamental and advanced algorithmic problem-solving techniques.

Education

B.E. Computer Science ⸻ **Expected Graduation: 2027**
Bapuji Institute of Engineering and Technology, Davanagere — *CGPA: 9.3 / 10*