Lakshika Bourai

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Education

B.Tech in Computer Science and Engineering (Artificial Intelligence)
ABES Institute of Technology, Uttar Pradesh
September 2023 – May 2027
Senior Secondary Education
Vanasthali Public School, New Delhi

Projects

EMR Microservice – NAMASTE & ICD-11 Integration
Backend — APIs — Healthcare Tech
– Developed backend microservice integrating NAMASTE and ICD-11 codes for standardized medical terminology and improved EMR interoperability.
FoodShare – Web-Based Food Redistribution Platform
Full Stack Web Application
– Built a full-stack platform connecting donors and recipients to minimize food waste.
E-Commerce Website
HTML, CSS, JavaScript
– Created a responsive e-commerce site with product listings and navigation, and enhanced UI/UX for better usability.
Expense Tracker & To-Do Applications
Programming Fundamentals
– Build basic web applications focusing on frontend logic and CRUD operations.

Skills

- **Web Technologies:** HTML, CSS, JavaScript, React
- **Languages:** C, C++
- **Backend & Databases:** Node.js, PostgreSQL, MongoDB
- **Tools & Platforms:** Git, GitHub
- **Currently Learning:** Linux, AWS, Cloud Computing

Certifications & Achievements

- **Smart India Hackathon (SIH) 2025 – Finalist**
  Recognized for innovative problem-solving in a national-level competition.
- **Innovation Ambassador Training Program**
  Completed training focused on fostering innovation and technical leadership.
- **Core Organizing Team Member**
  Contributed to the planning and execution of technical initiatives and events, demonstrating project management and teamwork skills.