

Anam Elahi

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EDUCATION

Jamia Hamdard	September 2025
<i>Bachelor of Technology in Computer Science</i>	<i>Current GPA: 7.62/10</i>
Hamdard Public School	2020
<i>Class XII</i>	<i>Percentage: 90.8</i>
Hamdard Public School	2019
<i>Class X</i>	<i>Percentage: 93.6</i>

RELEVANT COURSEWORK

Grades: Exclusively A's and O Scores of on all listed courses

Courses: Data Structures and Algorithm, Computer Organization and Architecture, Design and Analysis of Algorithm, Applied Physics I, Mathematics I, Basic Electrical Engineering, Applied Physics I Lab, Engineering Graphic and Design, Basic Electrical Engineering Lab, Organizational Behaviour, Object Oriented Programming (in progress), Database Management System (in progress), Machine Learning (in progress).

Awards: Awarded with Silver Student Certificate by Vice Chancellor of Jamia Hamdard for volunteering in World Book Fair for "Spoken Tutorial" which is an initiative by IIT Bombay.

SKILLS

Languages: C/C++, Java, Python, JavaScript, HTML/CSS, MongoDB, Mysql

Tools: Git/GitHub, Node.js, VS Code, IntelliJ IDEA, Atom, Unity

Frameworks: React, Node.js, Express

PUBLICATIONS

- AI in Agriculture (Paper Link)** | *Published in Springer* Feb 2023
- The agricultural industry, vital for a sustainable economy, faces growing demands due to population expansion. Traditional farming methods fall short, prompting automation. AI's key attributes—quality, precision, adaptability, and cost-effectiveness—play a pivotal role. This paper spotlights AI in agriculture, with a focus on pest control, aerial surveys, and implementation challenges. Addressing issues like disease, soil management, and knowledge gaps among farmers is crucial for optimal productivity.
- Use of AI and IOT in Disaster Management** | *Under Review* Aug 2023
- Global disasters disrupt lives, causing displacement, loss, and economic setbacks. Technology is crucial for prediction and response. Remote sensing, AI, and data analytics aid early warning systems, while drones and IoT offer real-time monitoring and decision-making. Our study integrates climate modeling and real-time monitoring for flood and earthquake prediction. We also highlight drone-assisted post-flood management, enhancing rescue operations, and overall disaster preparedness, response, and recovery.

PROJECTS

- Whipped Bakery (Project Link)** | *Python, Tkinter, Git, VS Code* June, 2022
- Developed a Customer Seller interface to track down the items available in a bakery and even generates bill accordingly.
- Sprites (Project Link)** | *Dart, Figma, VS Code, Flutter* September, 2022
- Developed an app for kids to enhance their general knowledge in various fields. The app provides you facts everyday and the user is supposed to complete their task which basically includes learning and reading those facts and maintain a streak for the same.

- Smart LED Distance Meter** | *Arduino-UNO R3, Ultra-Sonic-Sensor, LED-Display, C++* May, 2022
- Built a project using Arduino UNO R3 and sensors to measure the distance which is then displayed on the LED screen connected to it. Also implemented color code for more convenience: RED for objects under 10 cm, BLUE for objects within the range of 11-20 cm and GREEN for objects which exceeds 20 cm.
- We-Travels Web App (Project Link)** | *HTML, CSS, JavaScript, php, VS Code, MySql, Git* May, 2022
- Developed a travel website which is based on Delhi, India to make the experience better. The app shall help the tourist to plan the trip according to their comfort zone. It also has a section where the user can share their trip experience and recommend it to others and post their photos and share it with their friends.
- Modest Commercial (Project Link)** | *HTML, CSS, JavaScript* Present
- Contributing in a commercial website, handling its front end and back end.

EXPERIENCE

- Quirky Folks Entertainment** | *Freelance Web developer* Present
- Designed, developed and maintained a react-based website of Quirky Folks, a social media agency,
 - Implement responsive design, ensuring compatibility across devices.
- Google Developer Student Club** | *Core Team Member* September 2022-2023
Served as a Core Tech Team member of GDSC Jamia Hamdard. Organized events handled the website and collaborated with many like minded people.
- Artificial Intelligence and Robotics Society** | *Core Team Member* December 2022 – Present
Currently the Event Lead in the core team of AIRS club of Jamia Hamdard. Organized various events majorly on AI, ML and IOT.
- Google Developer Group, New Delhi** | *Member, Volunteer* March 2022 – Present
Being a member of GDG Delhi, I have attended and volunteered in various tech events and built a network with many like minded people. Got introduced to various technologies which were new to me.
- Women Techmakers** | *Member, Volunteer* 2022 – Present
Being a member of Women Techmaker I have attended many of its online workshops and collaborated with many like minded women. Learnt alot in building a world where women can thrive in tech.
- Hackathon** | Feb. 2022 – May 2022
Won \$25 by getting our idea shortlisted for a hackathon. The idea revolved around how people with disability can make their life easy with the technologies they are surrounded with.