# **FURQAN AHMAD**

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**EDUCATION**.

Bachelor's of engineering in information technology

2022-2026

International Institute of Information Technology Bhubaneswar

12th standard (PCM) 2019-2021

Govt. higher secondary school wagoora

Grades:94.40%

## **EXPERIENCE** -

## Software engineering fellow at Headstarter AI

july 2024-present

Description: 7 weeks fellowship program where we are working on different AI projects

- 1. Pantry Tracker (technology used : React is Next is firebase)
- 2. Al Customer Support (technology used: OpenAl Next js AWS)
- 3. Al Flashcards & Stripe (technology used: (OpenAl Auth StripeAPI)
- 4. Al Rate My Professor (technology used: RAG (OpenAl Vectors)

#### SKILLS -

C++ ,javascript,Python,C

MERN Stack developer

Frameworks: React.js express.js ,tailwind css, bootsrap

DataBases: SQL, MongoDb

Data structures and algorithms

Problem solving

Leadership (higher secondary secretary )

### PROJECTS -

## **E-commerce Website**

This e-commerce website is built using the MERN stack and incorporates various technologies for a robust, secure, and scalable solution. It offers features such as user authentication, product management, and seamless order processing.

Technologies Used:

- 1. \*MERN Stack\*:
  - \*MongoDB\*: A NoSQL database to store product, user, and order information.
  - \*Express.js\*: A web application framework for handling HTTP requests and middleware.
  - \*React.js\*: A front-end library for building user interfaces.
  - \*Node.js\*: A JavaScript runtime environment for executing server-side code.
- 3 -\*Authentication\*:
  - \*JWT (JSON Web Tokens)\*: For secure user authentication and authorization.
- 3. \*Database Hosting\*:
- \*MongoDB Atlas\*: A cloud-hosted MongoDB service for database management and scalability.

## **DrumKit**

The Drumkit is a fun and interactive web application designed for children. It allows users to play different drum sounds by pressing buttons, providing an engaging and educational experience.

\*Technologies Used:\*

- 1. \*HTML\*: For structuring the layout of the drumkit.
- 2. \*CSS\*: For styling the drumkit and ensuring it is visually appealing.
- 3. \*JavaScript\*: For adding interactivity, enabling buttons to play corresponding drum sounds.
- 4. \*Media Queries\*: For ensuring the drumkit is responsive and looks great on various devices, making it accessible and enjoyable for children on both desktop and mobile platforms.