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# Mohd Azam

## Technical Skills

**Programming language** – Javascript , Python

**Backend** – Node.js , Express.js, Rest APIs

**Frontend** – HTML, CSS, Javascript

**Database** – MongoDB

**Developer Tools** – Git, GitHub, Postman

## Work Experience

*Backend Developer Intern*

*(May 2025-Present)*

**Marvedge** (India org)

- Worked on a **Screen Recorder** project focused on real-time video capture and processing.
- Integrated **microphone audio support** into the recorder for synchronized audio-video recording.
- Implemented a **video trimming feature** enabling users to edit recordings within the application.
- Collaborated closely with frontend and product teams to ensure smooth integration and functionality.

## Projects

### QuestionPaperAPI

A backend-focused web service that streamlines the process of generating quizzes from PDF based question papers using AI. The platform is developed to assist educators, students and institutions by automating quiz creation, reducing manual work.

- **Questionpaper Upload:** Designed and executed a secure feature allowing users to upload **PDF-based question paper** with proper validation to ensure format integrity.
- **AI-GeneratedQuiz:** Integrated the **OpenAI** Api to generate similar questions from the uploaded PDFs, automating the process of creating question bank.
- **API Design:** Develop robust **RESTAPIs** to handle operations like Uploads, question generation, and quiz retrieval with optimized performance.
- **Database Management:** Utilized **MongoDB** to store uploaded question papers , AI generated questions.

**Skills:** Nodejs, Javascript, Express.js, MongoDB, OpenAI API, Postman For Api testing

### ScreenStream – Video Upload & Streaming Web App

A web application created for seamless video upload, streaming. It provides a secure and user-friendly platform where authenticated users can upload, stream and organize MP4 video.

- **Video-Upload & Streaming :** Developed and applied a secure video upload and playback system using Multer and Express, allowing users to upload and stream MP4 files directly in-browser.

- **Authentication & Authorization:** Incorporated JWT-based authentication to secure API endpoints , ensuring only authorized users can manage their post or perform sensitive threads.
- **DataBase Schema Design:** Planned and enforced a MongoDB schema to store metadata like filename, original name, upload timestamps and user association.

**Skills:** Nodejs, Express.js, JWT, MongoDB, Postman for API testing , CSS

## Education

**Dr.Akhilesh Das Gupta Institute of Professional Studies New Delhi, India**

*Bachelors of Technology in Artificial Intelligence: SGPA 8.01 (upto 8<sup>th</sup> Semester)* (present)

**Dev Samaj Modern School-2, New Delhi, India**

(2021)

*12<sup>th</sup> Board : CBSE: 84%*

**Dev Samaj Modern School-2, New Delhi, India**

(2019)

*10<sup>th</sup> Board : CBSE: 83%*