

# Mohammed Abrar

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## Professional Summary

Entry-level Full Stack Developer with hands-on experience building secure, scalable web applications using React.js, FastAPI, Node.js, and PostgreSQL. Strong foundation in RESTful APIs, authentication (JWT, OAuth 2.0), and AI integration. Experienced in delivering end-to-end features across frontend, backend, and database layers.

## TECHNICAL SKILLS

**Languages:** Python, HTML, CSS, JavaScript

**Tools & Technologies:** Git, GitHub, VS Code, PostgreSQL, REST APIs, JWT, OAuth 2.0, Bcrypt

**Frameworks & Libraries:** React.js, Node.js, Express.js, Bootstrap, Tailwind CSS

## PROJECTS

### 1. AI-Powered Interview Question Generator

Link: Interview Question Generator

**Tech Stack:** React.js, FastAPI, Python, PostgreSQL, Google Gemini AI, JWT, OAuth 2.0, Tailwind CSS, Bcrypt

- Built an end-to-end full-stack application that analyzes resumes and generates personalized technical and HR interview questions using AI.
- Designed RESTful APIs with FastAPI and PostgreSQL, implementing secure authentication via JWT and Google OAuth 2.0 with bcrypt hashing.
- Developed a responsive React frontend with real-time AI responses, multi-step workflow, and difficulty-based question filtering (Easy, Medium, Hard).

### 2. Simon Game

Link: Simon

**Tech Stack:** HTML, CSS, JavaScript

- Developed an interactive memory game with dynamic color sequences and score tracking.
- Implemented DOM manipulation, event handling, and progressive difficulty logic.
- Used local storage to persist high scores.

### 3. Online Drum-Kit

Link: Drum Kit

**Tech Stack:** HTML, CSS, JavaScript

- Created an interactive drum kit with keyboard and mouse event support.
- Integrated audio playback with optimized performance and responsive UI effects.

## EDUCATION

**Bachelor of Engineering (B.E.) in Information Technology**

Muffakham Jah College of Engineering and Technology, 2021 - 2025

## CERTIFICATIONS

1. Secured **2nd position** in a college-level Project Expo for developing an innovative technical solution.  
Certificate: Envisage-2024

2. Completed **Full Stack Web Development Certification** covering React.js, Node.js, Express.js and PostgreSQL.  
Certificate: Full Stack Web Development Bootcamp