

# Mohammad Hussain

+91 6281935854 | [ksmdhussain@gmail.com](mailto:ksmdhussain@gmail.com) | [www.ksmdhussain.com](http://www.ksmdhussain.com)

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## Projects :

### Developed multi-functional applications

using the OpenAI API for text-to-image generation, Q&A with short arts, and recipe suggestions.

- **Implemented Text-to-Image feature:** Enabled users to generate custom images from textual descriptions using OpenAI's DALL-E model.
- **Created interactive Q&A system:** Leveraged GPT-3/4 to provide insightful answers paired with short arts for an engaging user experience.
- **Built AI-driven Recipe Generator:** Developed a feature that suggests personalized recipes based on ingredients or dietary preferences.
- **Optimized API usage** for performance and cost-efficiency, ensuring fast response times and seamless user interactions.
- **Designed intuitive UI/UX** to enhance user engagement and improve overall experience.

### E-commerce Website Developer

- **Built an e-commerce platform** with secure payment gateway integration (e.g., Stripe, PayPal) for online transactions.
- **Implemented user authentication** (e.g., JWT, OAuth) for account management.
- **Developed product management features** for adding, updating, and displaying products using a relational database (MySQL/PostgreSQL).
- **Ensured secure payments and data handling** with real-time order tracking and encryption.
- **Created a responsive UI** for seamless shopping across devices.

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## Technical Skills

- **Languages:** Java, JavaScript, SQL, HTML, CSS.
  - **Frameworks:** Spring Boot, Spring MVC, React.js (Basics).
  - **Web Development:** React.js, HTML5, CSS3, Bootstrap, RESTful APIs.
  - **Mobile Development:** Android (Java, Kotlin basics), React Native (Basics).
  - **Databases:** MySQL, PostgreSQL, MongoDB.
  - **Version Control:** Git, GitHub.
  - **Authentication & Security:** JWT, OAuth, Spring Security.
  - **Deployment:** AWS, Heroku, Netlify.
  - **Tools:** Postman, Swagger, Maven, Gradle.
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**Soft Skills:**

- Problem-solving
  - Communication
  - Teamwork
  - Leadership
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**Education :**

- B.Tech in Mechanical Engineering  
JNTUA, 2023
  - Senior Secondary 12th Grade,  
Shirdi sai Jr College, BIEAP, 2017
  - Secondary School of SSC  
Z.P.H.S Ayyavaripalli, BSEAP, 2013
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**Course work :**

- Data Structures and algorithms (DSA)
  - SpringBoot
  - Android Development
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**Achievements :**

- Secured a first place in Paper Presentation in Technoholix 2019.
- Instructed web development course for the students of computer science.
- Helped a specific set of audience of coding enthusiasts by writing blogs online.
- Developed fully functional applications and deployed them online.