

## Shaikh Ahmed Hussain

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### PROFESSIONAL SUMMARY

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- Software Engineer with hands-on experience in full-stack web development, AI-based projects, and UI design.
- Skilled in building responsive, user-friendly websites and working on applied AI research projects involving image processing and deep learning.
- Strong ability to translate ideas into functional code, collaborate with teams, and deliver high-quality solutions.
- Experienced in maintaining organized and structured code repositories on GitHub.
- Skilled in designing responsive layouts and optimizing websites for performance and accessibility.
- Experienced in building backend applications using Node.js and Express.js, with hands-on knowledge of designing and managing SQL databases.

### TECHNICAL SKILLS

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**Frontend:** HTML5, CSS3, JavaScript (ES6+), Responsive Web Design, Bootstrap

**Backend:** Node.js, Express.js

**Databases:** MongoDB, MySQL

**Version Control:** Git, GitHub

**Tools Utilities:** Postman, VS Code

### EDUCATION

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**Lords Institute of Engineering and Technology**

*Expected May 2026*

Bachelor of Engineering in Computer Science

### EXPERIENCE

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#### **Pantech Solutions**

#### **AI Intern – Image Generation Using AI**

*August 2024 – November 2024*

- Developed and implemented deep learning models for detecting brain tumors from MRI scans using Variational Autoencoders (VAEs).
- Trained VAEs to learn patterns of healthy brain tissue and identify potential abnormalities with improved accuracy.
- Generated synthetic MRI data to enhance model training and dataset diversity.
- Collaborated with mentors to optimize neural network parameters and improve model performance.
- Documented project results and findings, contributing to research on AI-assisted medical imaging.

### PROJECTS

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#### **Cafe 7**

- Collaborated with the café owner to design and develop a custom web interface aligned with the café's brand and business goals.
- Developed a responsive website using HTML, CSS, and JavaScript, ensuring seamless performance across all devices.
- Integrated interactive features such as a dynamic menu, image gallery, and contact form to enhance user engagement.
- Implemented modern front-end practices to ensure cross-browser compatibility, accessibility, and optimized user experience.
- Focused on clean design aesthetics and intuitive navigation to reflect the café's unique identity.
- Deployed the website using GitHub Pages and maintained regular updates for content and functionality.
- Demonstrated end-to-end project ownership from concept to deployment, showcasing both technical and creative skills.

#### **Career guidance platform**

- Developed a career guidance platform for students in Jammu & Kashmir using JavaScript and browser localStorage.
- Designed offline functionality to enable access to career information without internet connectivity.
- Implemented structured data modules mapping career fields to recommended course and career pathways.
- Built and demonstrated the prototype at the Smart India Hackathon 2025.

#### **Canteen Ordering System (Academic Project)**

- Designed and coded a canteen ordering web interface for college students.
- Used HTML, CSS, and JavaScript to build an interactive UI that displayed menus.
- Focused on usability and responsive design to enhance ordering speed.

#### **Developer | Simon Game (Mini Project)**

- Created an interactive memory game using HTML, CSS, and JavaScript.
- Implemented sound, animation, and score tracking logic to enhance user experience.
- Focused on usability and responsive design to enhance ordering speed.

## PORTFOLIO

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<https://shaikh-ahmed07.github.io/my-portfolio/>