MOHSIN AKBER
ANANTNAG, JAMMU & KASHMIR

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PROFILE

B.Tech IT student (3rd year) with hands-on experience in full-stack web development and Python-based applications. Built end-to-end projects using React, Express, and MongoDB, along with data and image processing solutions in Python and MATLAB. Seeking internship or entry-level opportunities to apply problem-solving and software development skills in real-world projects.

EDUCATION

Dr. B. C. Roy Engineering College, Durgapur   **2023 – 2027**
B.Tech in Information Technology   *Durgapur, West Bengal*

Govt. Higher Secondary School, Seer Hamdan   **2023**
*Class XII (JKBOSE) – **76%***   *Seer Hamdan, Anantnag*

Model Institute of Education, Akura   **2020**
*Class X (JKBOSE) – **70.6%***   *Akura, Anantnag*

TECHNICAL SKILLS

Languages: Python, JavaScript, C, C++
Technologies/Frameworks: HTML5, CSS3, React, MongoDB, Express, Bootstrap
Developer Tools: Canva, MATLAB, VS Code

PROJECTS

Gender Detection | HTML5, CSS3, JavaScript   **2025**
- Developed a browser-based gender detection application using live webcam input with HTML5, CSS3, and JavaScript.
- Integrated browser media APIs and canvas rendering to capture frames and perform real-time client-side prediction.
- Designed a responsive interface supporting both face-based and name-based gender prediction.

Kashmiri Voice Assistant | Python, JavaScript   **2025**
- Built a Python-based voice assistant capable of understanding and responding to common commands in the Kashmiri language.
- Implemented intent recognition, command processing, and response generation with modular Python architecture.
- Developed a lightweight JavaScript interface for user interaction and I/O handling.

Image Processing Toolkit | MATLAB   **2024**
- Designed an image processing toolkit in MATLAB for noise reduction, edge detection, and contrast enhancement.
- Compared multiple filters and operators with visual analysis using plots and side-by-side comparisons.
- Automated batch image processing and computed metrics such as PSNR and MSE.

E-commerce Website | HTML5, CSS3, React, Express, MongoDB   **2024**
- Developed a full-stack e-commerce web application with product listings, cart, and checkout.
- Built RESTful APIs using Express and MongoDB for authentication, product management, and orders.
- Implemented responsive React components with validated forms and secure checkout flow.

LANGUAGES

Languages Known: English, Urdu, Hindi, Kashmiri

CERTIFICATIONS

- **One-Year Diploma in Python, Accounting, and Web Development** — NIELIT   2023
- **College-Level Qualifier**, Smart India Hackathon (SIH)   2024