







# MIR YASEEN ALI

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## PROFESSIONAL SUMMARY

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Entry-level Software and Cloud Engineer with a Computer Science degree and hands-on experience building, deploying, and troubleshooting backend and cloud-based projects from start to finish in real setups. Comfortable working with APIs, securing access, and fixing deployment issues through testing, debugging, and simple documentation notes quickly. U.S. permanent resident (Green Card holder) and authorized to work in the U.S., and available immediately.

## TECHNICAL SKILLS

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**Cloud & Systems:** AWS (S3, CloudFront, IAM), Linux (Ubuntu), TCP/IP, DNS, DHCP

**Programming Languages:** Python, Java, C, C++, SQL (MySQL), JavaScript, HTML/CSS

**Developer Tools:** Git, GitHub, VS Code, OpenCV, MediaPipe

## CERTIFICATIONS

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 **AWS Certified Cloud Practitioner**

Issued Jan 2026 · Expires Jan 2029

## ENGINEERING PROJECTS

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**Cloud Portfolio Platform** | AWS (S3, CloudFront), HTML, CSS, JavaScript January 2026

- Deployed my portfolio site using S3 for hosting and CloudFront for delivery, and tested it across browsers/devices to make sure pages load consistently and the layout stays clean.
- Kept the S3 bucket private and served content through CloudFront using Origin Access Control and a bucket policy, double-checking that direct S3 access is blocked the way it should be.
- Set up HTTPS behavior, basic caching rules, and billing alerts (Budgets), then fixed issues like 403 errors and cache problems by adjusting policies and distribution settings until it stayed stable.

**Secure File Management System** | Java, MySQL November 2025

- Built a Java backend where multiple users can manage files, using role-based access so permissions are clear for reading, uploading, editing, and deleting.
- Added authentication and authorization checks around sensitive actions and designed MySQL tables for users, roles, and file metadata so the data stays structured and easy to maintain.
- Improved reliability with input validation and transaction-based updates to reduce data issues during concurrent actions and repeated operations.

**GmailBillTracker** | Python, Gmail API August 2025

- Built an automation script in Python that scans and processes 100+ emails through the Gmail API to pull out billing-related messages like invoices, receipts, and confirmations.
- Implemented OAuth 2.0 and filtering using common senders and keywords to reduce noise and keep results focused on finance-related emails.
- Exported structured output for easier review and handled edge cases like forwarded threads, inconsistent formatting, and duplicate emails across long reply chains.

**Hand Gesture Recognition System** | Python, OpenCV, MediaPipe July 2025

- Built a real-time hand tracking pipeline using OpenCV and MediaPipe to detect and track hand landmarks from a live camera feed during continuous use.
- Used landmark movement to recognize a set of gestures and mapped them to basic actions as a touchless control demo with simple feedback.
- Tuned thresholds and frame processing to reduce false triggers and keep it responsive across different lighting, camera angles, and normal room distance.

## EDUCATION

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**Bachelor of Engineering in Computer Science and Engineering** Graduated in June 2025

Jawaharlal Nehru Technological University, Hyderabad Telangana, India

**Relevant Coursework:** Cloud Computing, Operating Systems, Computer Networks, Software Engineering, Database Management Systems, Data Structures & Algorithms