

# Anas Tazir

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## WORK EXPERIENCE

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### Deloitte Touche Tohmatsu Limited (Deloitte.)

March 2023 - June 2023

#### Cloud Engineer (AWS) - Internship

- Leveraged **Terraform** to design and deploy AWS **Lambda** functions and **S3** buckets.
- Used them to automatically export RDS snapshots thereby ensuring a reliable and efficient backup solution.
- Implemented **Redshift** accessibility using **JDBC** and implemented **RBAC** methods enabling secure and controlled access to data for authorized users, and enhancing data privacy and compliance.
- Orchestrated the setup of an **SFTP** server and users using AWS **CloudFormation** to simplify file transfers.
- Created a custom AWS **Lambda** function to automatically generate **RSA** keys for users accessing the SFTP server.
- Used **cfresponse** library in Lambda to associate public keys with newly created SFTP users.
- Securely stored the keys in AWS **Secrets Manager** for centralized management and improved security.
- Collaborated with teams to ensure seamless integration of cloud-based solutions.
- Participated in code reviews and provided constructive feedback to improve the quality of scripts and applications.

### Municipal Corporation of Delhi (MCD)

November 2022 - February 2023

#### Software Developer (Front-end)- Internship

- Updated website to meet industry and company standards for **SEO** and **Accessibility**.
- Collaborated with **6** back-end developers and **2** business analysts to improve web page usability.
- Used **Angular** to build and **Angular Material** to style the website.
- Validated **100%** of client form inputs before submitting to the back-end.
- Reduced website response time by **70%**.
- Decreased bundle size by **50%**.

### DRDO Institute for Systems Studies & Analyses (ISSA)

January 2022 - March 2022

#### Topic - Reinforcement Learning

- Due to the **NDA** I cannot disclose my experience in detail.

### HCL Technologies

November 2021 - December 2021

#### Software Developer (Full Stack) - Internship

- Designed a website from scratch.
- Used **Reactjs** for the frontend.
- Styled it using the **Material UI** framework.
- Used **Redux** for state management.
- Designed the backend using **Node Js**.
- Initialized a **Mongodb** cluster to store data on the cloud.

## CLOUD CERTIFICATIONS

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### AWS Certified Developer – Associate [Badge Link](#)

July 2023 - July 2026

### AWS Certified Solutions Architect – Associate [Badge Link](#)

July 2023 - July 2026

### AWS Certified Cloud Practitioner – Foundational [Badge Link](#)

July 2023 - July 2026

## SKILLS

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**Programming Languages:** Python, JavaScript, Typescript, Java

**Libraries & Frameworks:** React, Redux, Angular, Numpy, Pandas, Matplotlib, Sklearn, Tensorflow, Nodejs, Flask

**Amazon Web Services:** Lambda, API Gateway, Ec2, S3, KMS, IAM, Redshift, RDS, Secrets Manager, CloudFormation

## PERSONAL PROJECTS

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### Movie Recommender Website (Full stack) [Source Code](#)

July 2022 - July 2022

- Made a custom dataset using Imdb API and saved information in the form of a csv file.
- Performed **EDA** using Pandas and Matplotlib library.
- Leveraged sklearn's **TfidfVectorizer** to create the recommender system.
- Implemented **Reactjs** and **Typescript** framework for the frontend
- Implemented **Redux** for state management.
- Designed frontend using **Tailwind CSS**.
- Applied **Firebase** for user authentication and saving user info such as favorites, seen movies and history.
- Built the backend using the **Flask** framework to work as REST API.

### Tensorflow Image Classification (Full stack) [Source Code](#)

September 2021 - November 2021

- Made **Nine** different tensorflow models for image classification.
- Leveraged **feature extraction** for better results.
- Trained and tested the models using both the **Kaggle** image datasets and custom made datasets.
- Accuracy of 5 models was above **90%** and for the rest it was above **80%**.
- Implemented the **Reactjs** framework for the frontend.
- Designed and added animations using CSS and the **Framer Motion** library.
- Built a REST API using the **Flask** framework.

## EDUCATION

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### Jamia Hamdard University

B.TECH.(CSE with AI)

New Delhi, India

2020 - 2024

### St.Columba's School

Class 12th

New Delhi, India

2018 - 2019

### St.Columba's School

Class 10th

New Delhi, India

2016 - 2017