

Anas Tazir

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WORK EXPERIENCE

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 **cfn-response** 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 2 frontend developers, 6 backend 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

AWS Certified SysOps Administrator – Associate [Badge Link](#)

Nov 2023 - Nov 2026

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

Programming Languages: Python, JavaScript, Typescript

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

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](#) [Link](#)

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.
- Deployed the backend on **AWS** using **SAM** for **IAC**.
- Build the apis using **lambda** functions.

EDUCATION

B.TECH (Computer Science with Artificial Intelligence)

2020 - 2024

Jamia Hamdard University (currently in 8th semester)