Nadeemahmed S Totad
Software Engineer

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PROFESSIONAL EXPERIENCE

HACKEREARTH   **BANGALORE**
Software Engineer   **07/2022-Present**
- Developed a Plagiarism Checker web application, using **Django** and **MySQL**, that scanned over 16,000 questions every week; reduced plagiarism on the platform by **90**% and ensured originality of content.
- Improved security by transferring encoded credentials from codebase to **AWS Secret Manager**.
- Reduced costs by **66**% for three services by optimizing their underlying logic to work on a single machine through performance analysis and optimization.
- Built a **REST API** in Django for FaceCode, a Hackerearth interview platform. Utilized **S3** for storage and **Firebase** for the database.
- Developed an algorithm for detecting plagiarism in solutions with an accuracy rate of over **85**%, using **Redis** for temporary storage.
- Wrote **Elastic search** queries to sort the Hackerearth questions and increased page speed by **20**%.

HACKEREARTH   **BANGALORE**
Data science intern   **01/2022-07/2022**
- Created a customer engagement service on **AWS Lambda** and **DynamoDB** that reduced customer churn by over **30**%.
- Utilized **Beautiful Soup** scrapers to increase relevant customer data by **70**%.
- Processed over 5,000 coding solutions with **95**% accuracy through **Python** parsers.

EDUCATION

B.TECH IN COMPUTER SCIENCE   **Bangalore**
RAMAIAH INSTITUTE OF TECHNOLOGY, BANGALORE   **2018-2022**

TECHNICAL SKILLS

- **Python, Django, SQL, Amazon Web Services (AWS), Lambda, Dynamodb, Rest api, C++, Git, Redis, Firebase, Docker.**

PROJECTS

Photo posting web app.
- A photo posting web app using MERN stack could perform CRUD operations.

Kannada Handwritten character recognition app.
- A web app made using Flask which recognises characters written in kannada language.
- Used transfer learning for training the model.

ACHIEVEMENTS

- Solved more than 300 questions on [leetcode,](#) [gfg](#) and [codechef.](#)
- Runner up of Hackerearth Internal Hackathon.