

Mohammad Sameer

Software Developer

An independent and self-motivated graduate with a year long experience and looking forward to gain much more.

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WORK EXPERIENCE

Technical lead HCL Technologies

08/2022 - 06/2023

Chennai India

Achievements/Tasks

- Managed service recycling in the backend for the client, So all the services work seamlessly.
- Software integration in Teamcenter, like CAD and NX, and translation of design formats in to different formats for more usability.
- Managing and updating a pre-existing Java microservice.
- Developed a flask microservice for company's internal social platform. Which served as a user authentication microservice.
- Containerized flask microservices with Docker in collaboration with a team while working on a internal social media platform.

EDUCATION

B.Tech National Institute of Technology, Rourkela

09/2018 - 04/2022

7.83

Courses

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| - Bachelors in Biomedical Engineering | - Biomedical Signal Processing |
| - Medical Imaging and Image Processing | - Medical Embedded Systems |
| - Statistics for Bioengineers | - Image and signal Processing Laboratory |

High School Sir. Padampat Singhania Education Center

08/2015 - 04/2016

Kanpur, UP

Courses

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|-----------------------------------|---------------------------------|
| - Physics, Chemistry, Mathematics | - Member of Roller-skating team |
| - 8.2/10.0 CGPA | - C programming |

WQU.org World Quant University

Courses

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| - WQU.org Data Science. Completed the Data Science course from World Quant University. | - A comprehensive course that taught me how to think and how to explore data for better insights, as well as develop meaningful models for analysis. |
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SKILLS

Python

Java

C#

Postgresql

FastAPI

Docker

Flask

MySQL

.NET

Django

React

MongoDB

PERSONAL PROJECTS

Credit card fraud detection

- Developed a machine learning model with **Tensor-flow** using **Isolation Forest algorithm** for anomaly detection which detects whether a transaction is fraudulent using meaningful data like transaction dates, amount, client behavior pattern, client's zone, etc.

Social media App

- Made an **API** using **Fast-API** for a simple social media app backend. Using **Routers** to handle different **requests** and implemented **JWT auth**. Implemented and handled posts with multiple fields and a database using **Postgres**.

Brain-Computer Interface (01/2022 - 04/2022)

- Imitating a high-performance neural decoding of attempted handwriting movements by labeling the neural data with **HMMs(Hidden Markov Model)**. Trained an **RNN** to decode the neural data into sequences of characters. Applying a language model to the RNN outputs.

ACHIEVEMENTS

Academic excellence award

Academic excellence award. Received academic excellence from the Department of BME of NIT Rourkela during my first year.

Discreet mathematics

Discrete Mathematics. Completed the Online Discrete mathematics course from Coursera offered by National Research University Higher School of Economics, Moscow, Russia.

LANGUAGES

Hindi

Full Professional Proficiency

English

Full Professional Proficiency

INTERESTS

Reading

Badminton

Generative art

Writing

Mathematics