

# Hassan Mehmood

+92 332 3146585 | [arshadhassan420@gmail.com](mailto:arshadhassan420@gmail.com) | [linkedin.com/in/hassan-mood](https://linkedin.com/in/hassan-mood) | [github.com/Moody-san](https://github.com/Moody-san)

## EXPERIENCE

### Open source Collaboration

Dec 2022 – Jan 2023

*Fast University*

*Karachi , PK*

- Developed a REST API using REPOSITORY PATTERN
- Tested API using POSTMAN
- Explored collaborative development using GITHUB and SWAGGER

## PROJECTS

### Restful Api | *Typescript, Redis, TypeORM, PostgreSQL*

Dec 2022 – Jan 2023

- Implemented doctor appointment system api using **Nodejs** and **Typescript** following the **Repository** pattern
- Utilized **Postgresql** database with **Typeorm**
- Demonstrated expertise in secure authentication and authorization by use of **Jwt**
- Added features including **Cronjob** for sending reminders, password reset codes using **NodeMailer** and payment processing with **Stripe**
- Managed cache with **Redis** for improved performance and scalability

## EDUCATION

### National University of Emerging Sciences (FAST)

*Expected Graduation – 2024*

Bachelor of Science in Computer Science

*Karachi , PK*

*CGPA – 3.45/4.00*

### Coursework

*Data Science, Artificial Intelligence, Data Structures, Design and Analysis of Algorithms, Object Oriented Programming, Programming Fundamentals*

## SKILLS

**Languages:** Python, C++, SQL (Postgres), MongoDB, JavaScript, TypeScript

**Frameworks:** Node.js, Tensorflow

**Developer Tools:** Git, VS Code, Visual Studio, Postman, Swagger

**Libraries:** pandas, numpy, matplotlib, scikit-learn, keras

## CERTIFICATIONS

- Supervised Learning with Scikit-Learn
- Unsupervised Learning in Python
- Linear Classifiers in Python