

CURRICULUM VITAE

NUZHA SADAF

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Date of birth: 30/09/1995

Sex: Female

Marital status: Married

Nationality: Indian

Current address: Sultanate of Oman



A highly organized and hardworking individual looking for responsible position in a reputed organization to gain practical experience for professional development, while making significant contribution to the success of the organization.

EDUCATIONAL QUALIFICATIONS

- ☞ **Master of Technology** (M tech) in Computer Networking and Engineering (2019) from Manipal Institute of Technology (MIT), Manipal with 8.55 CGPA.
- ☞ **Bachelor of Engineering** (B.E) in Information Science and Engineering (2017) from Nitte Mahalinga Adyanthaya Memorial Institute of Technology (NMAMIT) with 8.2 CGPA.
- ☞ **PUC** from Karnataka Secondary Education Examination Board (2013) from St. Cecily's Composite P.U College with 85%.
- ☞ **SSLC** from Karnataka Secondary Education Examination Board (2011) from Flowers of Paradise Public School (FPPS) with 75%.
- ☞ Pursuing **B.Ed.** from Bearys College of Education.

TECHNICAL SKILLS

- ☞ **Programing Languages:** C, C++, Matlab, Java Script, JSX, Python, HTML, CSS.
- ☞ **Designing games:** infinite game world, online games, physics Engine games.
- ☞ **Application designing and development:** building application used in day to day life using react native framework.
- ☞ **Machine Learning:** data visualization, data analysis.

ACADEMIC PROJECTS

☞ **Detection of Types of Fractures in Thoracolumbar Spine Injuries using Deep Learning:**

An application that automates the detection of thoracolumbar fractures and provides a better Decision Support System (DSS) for the spine and orthopaedic specialists.

☞ **Data Analytics Approach for Taste Based Recipe for Nutritive Diet:**

An application that automates the process of detecting the nutritional deficiency in an individual and provides appropriate recipe to overcome the deficiency.

☞ **Detecting Brain Haemorrhage for CT scan images using Matlab and Python:**

An application that detects the presence of haemorrhage in the brain. In the presence of haemorrhage, the application highlights the affected portion and calculates its area.

☞ **Online waste management system:**

An application that sends notification to the nearby garbage collector when the dustbin is full. It even provides the driver with the shortest path to reach the destination. The module even makes a beeping sound when the garbage is thrown out of the dustbin.

☞ **Online library management system:**

An application to keep a track of the issue date and return date of the borrowed book. It even calculates the penalty (fine) when the borrowed book is not returned on time.

ACHIEVEMENTS

Secured 2nd place in student poster competition held during 2019 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (2019 IEEE DISCOVER) at Manipal Institute of Technology.

WORK EXPERIENCE

☞ Worked for **Manipal Institute of Technology** (MIT) as a tutor of engineering students (1 year).

☞ Worked for **Millath Education Trust** (MET) as a tutor of high school students (2 years).

☞ Working as online coding instructor at **WhiteHat Jr.** since 01/06/2020.

☞ Working as mathematics instructor at **Byjus Future School** since 01/01/2021.

HOBBIES

☞ Solving Rubik's Cube, Mega Minx, Mirror Blogs, Sudoku, Nonogram etc.

Yours sincerely

Nuzha Sadaf