

Joshua Earl Martins

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DOB: 15 Sep 2000, Place of Birth: Bahrain

**OBJECTIVE & INTERESTS:**

I have a strong interest and passion in sectors related to aviation, Block chain, IT, logistics & supply chain, renewal energy, complex data analysis, R&D, HSE, feasibility studies, failure analysis, Operations and AI. I love using logic for problem solving and love to work in a multicultural, diverse, challenging environment to ensure that both internal and external goals & milestones are completed as directed by management.

As an enthusiast of both engineering and computer Science. I am motivated and fueled by an unwavering passion for technology with a deep-rooted curiosity about the intricacies of programming. Combining this passion with my exceptional calm communication skills, I look forward to bridging gaps between complex technical concepts and effective human interaction to be used as an employee to get the job done by your management.

**EDUCATION & CERTIFICATIONS:**

Bachelor of Aeronautic Engineering – Manipal University of Technology (MIT) - 2023

Vidya Vikas Academy CBSE XII - Goa – 2018 – 87%

Indian High school CBSE X - Bahrain – 2016 – 9.8 CGPA

Certification Python Developer in 2023: Zero to Mastery

Certification Microsoft Excel – Excel from Beginner to Advanced

Certification Tableau 2022 A-Z: Hands-on Tableau Training for Data Science

Certification R programming A-Z: R for Data Science

Certification Complete A.I and Machine Learning, Data Science Bootcamp – currently pursuing.

**LANGUAGES:**

English – read, write, speak – proficiency 100%.

Arabic – read, write,– proficiency 90%.

Hindi – read, write, speak – proficiency 80%.

Japanese – currently pursuing.

**SKILLS ACQUIRED:** C/C++, Python, R, SQL, Tableau, Excel, TensorFlow, Ansys.

**WORK EXPERIENCE:**

Business development Intern

The ChillSpace – Jan 2020 - March 2020

* Responsible for assisting, engaging, hands-on work and leading a team organize and manage events.
* Responsible for advertisement and presentation to generate sales.
* Responsible for engaging with customers to review concerns and implement appropriate changes.

**VOLUNTER WORK 2018, 2019, 2020, 2023, 2024:**

* TechTatva **-** Volunteered in a festival conducted in Manipal Institute of Technology positively and professionally while providing community with required services. Supported engaging and smooth-running events by contributing to organization and planning. Managed the technology required to conduct the events and ensured their functioning throughout the events.
* Independently supervising outsourced contracted carpentry and Mansory work while in Goa based on fixed deliverable timelines.
* Tutored my younger brother for his 10th standard CBSE board examinations and currently ongoing online.
* Supported (emotional & physical) my aged grandparents for some months after completion of my degree.

**PROJECTS COMPLETED:**

**Machine Learning for Fluid Dynamic Study – 2022**

•Worked on Ansys Fluent to analyze an airfoil. Utilized obtained data to develop machine learning models to predict lift and drag for the airfoil at different velocities and angles of attack.

•Conducted analysis in the lab on airfoil characteristics using Ansys Fluent after thorough planning and research

•Analyzed and stored data using Microsoft Excel.

•Cooperated with another team member in a team-based environment to identify points from obtained data.

**Twitter Bot**

•Developed a Twitter bot to carry out twitter functions such as following people back and unfollowing people that unfollow.

•Utilized python and it’s to develop and implement the bot.

•Developed an understanding of multiple python libraries.

**HOBBIES:**

Motorcycle riding, Carpentry, masonry, fishing, reading, writing code, DOTA 2.