

Joshua Michael

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Date of Birth: 15, June 1991

Contact number: 9819705387

Career Objective:

To serve the organization with honesty and commitment. To be a dedicated and skilled worker to accomplish the desired results for my team/ department.

To contribute towards growth by working and collaborating with my colleagues and students.

To strive for excellence in whatever I do in a Strong India.

Academic Details: *Currently pursuing M.Tech. AI & ML, a work integrated learning Program (Online) offered by Birla Institute of Technology, Pilani. (Completed Semester II in November 2024, passed with 7.52 CGPA)*

Degree	Name of Institute	Board / University	Marks/CGPA	Year of Passing
ME (Electronics Engineering)	Fr. Conceicao Rodrigues College of Engineering, Mumbai	University of Mumbai	8.82	2016
BE (Electronics and Telecommunication)	Xavier Institute of Engineering, Mumbai	University of Mumbai	72.38 %	2012
XII	R.D. National College, Mumbai	Maharashtra	85.83 %	2008
X	St. Stanislaus High School, Mumbai	Maharashtra	86.13 %	2006

Work Experience:

1. **Associate Software Engineer** at **Accenture** from 6th February 2013 to 16th September 2014.

Role and Responsibility: My role was to work as part of a team to perform ETL operations before loading the data into a Teradata Database. Attend daily calls with our on-site personnel at the client site to know the modifications required for the next batch releases. Worked on Informatica ETL and Ab-initio Software.

2. **Adhoc Lecturer** in the E.X.T.C. Department at **Xavier Institute of Engineering** from 4th July 2016 to 31st December 2016

3. **Assistant Professor** in the Electrical Engineering Department at **Veer mata Jijabai Technological Institute** from 13th January 2017 to 31st May 2017.

4. **Assistant Professor** in the Electronics Engineering Department at **Vivekanand Education Society's Institute of Technology**. (25th July 2017 – 15th June 2019)

5. Worked as a **Math and Chemistry Teacher** from Home (2020- 2021)

6. **Assistant Professor** in the Electronics and Telecommunication Engineering Department at **Father Conceicao Rodrigues Institute of Technology**. (09th August 2021 – 15th October 2022)

Role and Responsibility: Department *Training and Placement Officer*, Convener of *Industry Department Interaction* Committee

7. **Assistant Professor** in the Electronics & Telecommunication Engineering Department at Don Bosco Institute of Technology. (17th October 2022 – 31st May 2024)

Role and Responsibility: Facilitation Centre Co-Ordinator (FE & DSE Admission Process AY 2023- 2024)

Training Session Conducted:

- delivered an expert lecture on Probabilistic Graphical Models Topic: "*Applications of Bayesian and Markov Networks*" at Xavier Institute of Engineering, to TE EXTC students on 10th October 2024.
- Successfully delivered two sessions during the ISTE Approved National Level Online Short-Term Training Program on "Effective AI Tools for Enhancing Teaching, Learning and Research." organized by Xavier Institute Of Engineering, Mahim through Online mode.

Session 1: "*Diffusion Models for cutting edge GAI*" on 04/07/2024

Session 2: "*Knowledge Management using LLM*" on 05/07/2024

- conducted a Skill-based Learning Session on "*Transformer Architectures for Large Language Models*" for TE EXTC Students at Xavier Institute of Engineering on 2nd April 2024 (2:30 pm to 4 pm)

Paper Publication (Journal):

- Published a paper titled "Generative Artificial Intelligence with Emphasis on Large Language Models: Review and Current Trends" in the Journal of Artificial Intelligence Research & Advances. 2024; 12(01):40-46. Available from:
<https://journals.stmjournals.com/joaira/article=2024/view=191589>

Paper Publication (Conference):

- Published a paper titled "*Generative Artificial Intelligence with Emphasis on Large Language Models: Review and Current Trends*" at the International Conference on Advance Technology and Management organized by A.C. Patil College of Engineering on 6th April 2024.
- Published a paper titled, "*Peak-to-average Power Ratio Reduction in an OFDM System using Signal Distortion Technique*" in the International Journal of Global Technology Initiatives, March 2016.

Technical Expertise:

- Python Programming
- HTML, CSS & Javascript
- MATLAB and SIMULINK
- NS2
- Unix and Shell Scripting
- Java Technology
- Informatica and Ab initio ETL
- Teradata

Workshops/ STTPS attended:

- Attended the ISTE approved one week STTP on "Wavelet Transform and its Applications: Hands on" at KJSCOE from 19th to 23rd December 2016.
- Attended the Short Term Training Program on "Practical Approaches in Wireless Communication" at KJSCOE from 29th May to 3rd June 2017.
- Attended a Two Day Workshop on "Challenges in VLSI Design" at FRRCRCE, Bandra, 2015

Training and Certifications Completed:

- Successfully completed the "*Introduction to Diffusion Models*" course by Maxime Vandegar on Udemy (19th May 2024).
- Successfully completed DeepLearning.AI's *How Diffusion Models Work* course by Sharon Zhou (21st May 2024).
- Completed DeepLearning.AI's short course on "*Building Agentic RAG with Llamaindex!*" by Course Instructor Jerry Liu (26th May 2024)
- Completed the *Communications System Toolbox Modeling using Simulink* training (2016)
- *AINS 21* and *AINS 22* Insurance Domain Certifications completed successfully. (2013-2014)
- Successfully completed the "*Basics of Power Electronics & Practical Guide with PSIM*" online course by Dr. Shailendra Kumar Mittal at Udemy (2023).
- Successfully completed "*the complete SOLAR ENERGY course. Beginner to advance level*" offered by Leandro Caruso on Udemy (2022).

Achievements:

- Was awarded **The Best All Rounder** in standard 10th
- **Received The Principal's Award** for the Best All Rounder in standard 12th
- Stood **2nd and 3rd at the District sports** competitions in **Chess** and won many Championships at the district level.
- Stood **3rd** in District level **swimming competition** (DSO).
- Won Medals at the **GMAAA FreeStyle Swimming** competitions.
- Won several medals in **Road Races**.

Extra-Curricular Activity:

1. Completed a certified **Shooting Course at Swatantryaveer Savarkar Air Rifle Club**.
2. I play the **Piano. Athletics, Chess, Swimming and cycling** are my hobbies. I am a part of **United Athletes Sports Club**, Bandra.

References:

1. Dr. Srija Unnikrishnan,
Ex-principal, Fr. Conceicao Rodrigues College of Engineering,
Fr. Agnel Ashram, Bandra West, Mumbai 400050.
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2. Dr. Kavita Tewari,
Head of Department, Electronics Engineering, Vivekanand Institute of Technology
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