

## EDUCATION

### **Bachelor of Engineering (B.E), Software Engineering**

University Of Bolton  
2021 - 2024

### **Senior Secondary (XII), Science**

Mount Litera Zee School, Jamshedpur  
(CBSE board)  
Year of completion: 2021  
Percentage: 81.50%

### **Secondary (X)**

Our Own English High School, Sharjah (Boys Branch)  
(CBSE board)  
Year of completion: 2019  
Percentage: 84.50%

## WORK EXPERIENCE

### **Python Development & AI**

ViewIt, Virtual  
Internship • Apr 2023 - Present (1 year 1 month)  
Developed a virtual real estate agent chatbot using Large Language Models (LLM).  
Innovated with unique features like feedback and conversability.  
Learnt app deployment and hosting with Streamlit Cloud.  
Developed APIs with Flask and FastAPI.

### **Associate**

Ioncure Pvt. Ltd. - Part Time, Virtual  
Job • May 2022 - Dec 2022 (8 months)  
Developed automatic mailing script for mail campaigns with Python  
Web Scraping and Data Entry with Python & Excel  
Research & Development  
Managed my team & learnt leadership skills

## TRAININGS

### **Samsung Innovation Campus UAE Artificial Intelligence Course**

Samsung UAE, Online  
Jan 2023 - Mar 2023  
AI, Machine Learning, and Deep Learning Course.  
Statistics, Probability, Calculus, Data Analysis,  
Preprocessing and Visualization

Training and Testing ML and DL Models  
Capstone Project: Deep Learning NLP - Sentiment  
Analysis Model for Movie Reviews

### **Web Development**

Shaw Academy, Online

Aug 2021 - Jan 2022

Front End Web Development Course

HTML, CSS, JS

Made an online grocery webpage concept that lets you order and outputs your total price.

## PROJECTS

### **Persona Adaptive AI Chat Application**

Sep 2023 - Apr 2024

Developed an innovative AI chatbot web application.

- Users can create personas and chat with them.
- Users can upload data files that the chatbot can use as a custom knowledge base.

Flask (Python) for backend.

OpenAI API as LLM.

HTML jinja templates with Tailwindcss for frontend.

### **Attendance Management System**

Sep 2023 - Dec 2023

Developed an attendance management system web application

Stack Used: HTML CSS JS, PHP, MySQL

- Role Based Access
- View/Create classes
- Mark attendance
- Generate attendance report

### **Figma App & Desktop Design**

Feb 2023 - Mar 2023

Developed a hospital app and web design on Figma

Creation of flows and prototypes with consistent design

### **Web Scraping an Online Faculty Directory With Python**

Dec 2022 - Dec 2022

Wrote Python scripts for fetching various online University faculty directories and storing them in a CSV file

### **Automatic Mailing Software in Python**

Jun 2022 - Jul 2022

Developed automatic mailing system that accepts an iterable and sends mails along with attachments of choice.

### **2D Top Down Car Race Game in Python**

Aug 2021 - Sep 2021

Designed and developed a car racing game on python using the pygame module.

Features racing against NPC car on a circuit, with up to 3 levels with increasing difficulty.

SKILLS

<b>Python</b> Advanced	<b>JavaScript</b> Intermediate
<b>PHP</b> Intermediate	<b>MySQL</b> Intermediate
<b>English Proficiency (Written)</b> Intermediate	<b>Figma</b> Intermediate
<b>Git</b> Advanced	<b>Docker</b> Beginner
<b>Flask</b> Intermediate	<b>FastAPI</b> Intermediate

WORK SAMPLES

**GitHub profile**  
<https://github.com/hamdan-27/>