

BRYSON LOPES

CONTACT



Mumbai, India



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SKILLS

Programming languages: Python, HTML, CSS, React, JavaScript

Database management: MongoDB, MySQL, SQL

Design tools: Canva, Figma

Soft skills: Communication, Teamwork, Adaptability, Time management

CERTIFICATIONS

- Introduction to Cybersecurity, Cisco-Networking
- AWS Academy Cloud Architecturing, AWS Academy

INTERESTS

Represented college in inter-college cricket tournaments, contributing as an all-rounder.

Regular participant in marathons and fitness activities, promoting health and discipline.

PROJECTS

AI Translation Tool

Library Management System

WEBSITES, PORTFOLIOS AND PROFILES

<https://github.com/bryson340>

Software Engineer with strong academics in Artificial Intelligence and Data Science. Demonstrated success in applying academic knowledge to real business & projects.

EDUCATION

2026

Bachelors of Engineering Artificial Intelligence and Data science
Fr. Conceicao Rodrigues College Of Engineering, Father Agnel, Bandra, Mumbai

- **Deep learning & Machine Learning** : Model building from data.
- **Big Data Analytics**: Tools/Techniques for processing large data
- **Data Mining**: Methods for discovering patterns and storing data.
- **AI Modeling**: AI for financing & banking, Applying statistical and mathematical principles to commerce
- **Natural Language Processing (NLP) & Computer Vision**: Enabling machines to understand and interpret human language and data
- **Data Visualization**: Presenting complex data insights effectively

2022

Higher Secondary Certificate Science
Mumbai University, Mumbai

2020

SSC

Holy Cross Convent School, Virar Mumbai

PROJECTS /ASSIGNMENTS

April 2024 - June 2025

Key Project 1 AI TRANSLATION TOOL(2024-2025)

Developed multilingual AI-powered translation tool supporting text, speech, and audio inputs and outputs.

Utilized pre-trained NLP models (mBART) to achieve high-accuracy translation across five languages.

Implemented speech-to-text and text-to-speech features for real-time communication enhancement.

Created responsive front-end in React, ensuring intuitive and user-friendly interface.

April 2023 - May 2024

Key Project 2 Library Management System (2023-2024)

Developed web-based Library Management System using PHP, MySQL, and HTML/CSS/JavaScript.

Implemented object-oriented programming concepts for secure login and authentication.

Built dual modules for Admin management of books, categories, and member workflows.