# MADHAV WADHWANA

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## EXPERIENCE

**Product Development Intern**                                                                 July 2024 - Oct 2024
VisiLean Ltd                                                                                              *Ahmedabad, Gujarat*

- Extracted and processed data from GitHub repositories using the GitHub GraphQL API, generating JSON reports for enhanced project insights.

- Integrated a 3D globe feature into the web application using Cesium JS, improving user interaction with geographical data.

- Updated and optimized Power BI dashboards, delivering detailed analytics and visualizations for informed decision making.

- Collaborated with the product development team across various project phases, including design, development, and deployment.

## SKILLS

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| **Languages** | C/C++, Python, Java(Beginner), HTML , SQL |
| **Libraries/Frameworks:** | PyTorch, TensorFlow, Git, Docker, OpenCV, Flask, Django, Spring Boot(Beginner) |
| **Technologies:** | Visual Studio, Microsoft 365, AWS (EC2, SageMaker, etc), Azure, HuggingFace |
| **Database:** | PostgreSQL, MongoDB |

## EDUCATION

**Marwadi University, India**                                                               *Expected: Graduation May 2025*

Bachelor's in Computer Engineering with Specialization in **Artificial Intelligence**

*Relevant Coursework*: Representation Learning (LLM), Machine Learning, Data Science.

## PROJECTS

**Password Generator**                                                                                          *Github*

- Developed a Java console application project focused on password generation and strength assessment. Utilized Apache Maven for streamlined project management and dependency handling.

**Attendance Tracker using JSP, JDBC, HTML & CSS**                                                *Github*

- Developed an Attendance Tracker using JSP, JDBC, HTML, and CSS, facilitating simplified tracking and management of attendance records for educational or organizational purposes.

**Billing System using Java Swing & JDBC**                                                        *Github*

- Engineered a Billing System with Java Swing and JDBC, enabling users to manage transactions, generate invoices, and maintain a sales database efficiently.

**Movie Ticket Booking System using C++**                                                        *Github*

- Engineered a Movie Ticket Booking System with C++, providing users with a seamless platform to browse movie listings, book tickets, and manage reservations effortlessly.

**QR Generator**                                                                                                *Github*

- Developed a dynamic webpage utilizing an API to generate QR codes from user-input text, enhancing user interactivity and functionality. Implemented efficient front-end design ensuring seamless integration and userfriendly experience.

**3D Globe Integration**                                                                                        *Github*

- Developed and integrated a 3D globe feature into a web application using Cesium JS. Enhanced user interaction with geographical data by enabling interactive geographical visualizations. The globe was designed to be fully responsive and accessible across different devices.