

# ARYAN BANSAL

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## Education

**Dr. Vishwanath Karad, MIT World Peace University (MIT-WPU)**

**August 2021 – June 2025**

*Bachelor of Technology in Computer Science, CGPA: 9.37*

*Pune, Maharashtra*

**Maharaja Agrasen Vidyalyaya**

**March 2020 – March 2021**

*CBSE Grade 12th CGPA:9.5*

*Ahmedabad, Gujarat*

## Technical Skills

**Courses:**Data Structures, Linear Algebra, Computer Networks, Operating systems,Machine Learning, Natural Language Processing,Object oriented programming

**Languages:** C,C++,Java,Python,HTML/CSS,JavaScript

**Developer Tools:** VS Code, Git

**Technologies/Frameworks:** ReactJS, NodeJS, ExpressJS,GitHub,Streamlit,NLP,Tensorflow,Scikit Learn,AWS EC2,S3

**Database:** MYSQL,MongoDB,PostgreSQL,AWS DynamoDB

**Platforms:** Linux,Windows,Googe Colab, Amazon Web Services

## Projects

**i-Notebook** | *ReactJs,NodeJS,Express,MongoDB*

**February 2024**

- Developed a full-stack notes management web app that allows user to add, delete, update, and read notes.
- Utilized ExpressJS framework for efficient routing and middleware management.
- Used BcryptJs and JWT authentication for user verification and rendering user-specific notes.
- Utilized MongoDB database for efficient data storage.

**Zwigato** | *ReactJs,NodeJs,Express,MongoDB*

**January 2024**

- Developed a food ordering application that allows users to select and order food.
- Designed a user-friendly frontend interface using React, featuring intuitive navigation and food categorization.
- Integrated MongoDB as the database for efficient data storage.
- Established an efficient authentication system using JWT to safeguard user data.

**NewsVerse** | *ReactJS*

**December 2023**

- Designed a news render application interface using React that allows users to browse news based on interest.
- Used NewsAPI to get the latest news articles and updates category-wise.

**YouTube Comments Sentiment Analyzer** | *Python, NLP*

**April 2024**

- Implemented various text preprocessing methods, including tokenization, lemmatization, stemming, and POS tagging.
- Conducted detailed sentiment analysis using NLTK (Natural Language Toolkit) in Python.
- Utilized Python for web scraping to extract YouTube video comments.
- Applied Named Entity Recognition to identify keywords used in comments for relevance analysis.
- Developed frontend using the Streamlit library in Python.

## Work Experience

**Goldman Sachs-Forage, Online**

**Sep 2023 – Sep 2023**

*Software Engineering Virtual Experience Program*

- Completed a job simulation as a Goldman Sachs governance analyst responsible for assessing IT security and suggesting improvements.
- Identified that the company was using an outdated password hashing algorithm by cracking passwords using Hashcat.

## Assessments/Certifications

**AWS Free course By Scaler**

- Learn basics about cloud technology and it's architecture.
- Got the Hands-on of various services provided by the AWS to it's users- EC2 instance, S3 buckets, RDS database, DynamoDB.

**The complete 2024 Web development Bootcamp By Udemy**

- Keyskills:HTML5,CSS,JavaScript,ReactJS,NodeJS,Expressjs,MYSQL,MongoDB,PostgreSQL,JQUERY,Git/Github,API