

# BISA VENUGOPAL

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## EDUCATION

<b>JNTUA College of Engineering Pulivendula</b> Bachelors of Computer Science , CGPA: 8.61	2019-2023
<b>Sri Narayana Junior College, Tirupati</b> Board of Intermediate Education, CGPA: 10	2017-2019

## TECHNICAL SKILLS

<b>Languages</b>	C, C++, Java, Python, HTML, CSS, Javascript, CSS, Node.js, React.js
<b>Technologies</b>	ASP.NET MVC, ASP.NET Core, Entity Framework, LINQ
<b>Tools</b>	Jupyter, Git, Azure
<b>Databases</b>	SQL, Oracle, MongoDB

## INTERNSHIPS

<b>Web Developer Intern</b> BRAINOVISION	June 2022 - Aug 2022 Hyderabad, India
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- Adapted quickly to constantly changing, deadline-driven environment.
- Conducted in-depth user research to identify project requirements, aligning deliverables with strategic initiatives and meeting aggressive deadlines, resulting in successful project completion within budget constraints.

<b>Freelancer</b> Ecore Data Analytics	June 2022 - Aug 2022 Remote, Part time
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- Designed, implemented and evaluated new models and rapid software prototypes to solve problems in machine learning and system engineering.
- Identified new problem areas and researched technical details to build innovative products and solutions.

## ACADEMIC PROJECT

**A Technique for Detection of DDoS Attacks with the help of ML Algorithms** This project is majorily used to evaluate and compare the performance of different machine learning algorithms for detecting DDoS attacks.

[article](#) [hyperref](#) [enumitem](#)

## MINI PROJECTS

### • **Ecommerce Application**

*Description:* Developed a comprehensive ecommerce platform using HTML, CSS, JavaScript, React JS, Express JS, and MongoDB. The application includes features such as product listing, user authentication, and a shopping cart.

*Technologies Used:* HTML, CSS, JavaScript, React JS, Express JS, MongoDB, Vercel

[Project URL](#)

### • **Portfolio Website**

*Description:* Created a personal portfolio website to showcase projects and skills. The site is designed with a responsive layout and includes sections such as About Me, Projects, and Contact.

*Technologies Used:* HTML, CSS, JavaScript, React JS, Express JS, MongoDB

### • **Online BookStore Task**

*Description:* Implemented an online bookstore application following the MVC architecture. Utilized C for frontend and backend, with WebAPI for communication. The application supports user authentication and authorization.

*Technologies Used:* MVC, C, WebAPI, Authentication, Authorization

- **Image Based Species Recognition**

*Description:* Trained a machine learning model to recognize over 10,000 different species. The project involved extensive data preprocessing and filtering, and the model achieved high accuracy on test data.

*Technologies Used:* Machine Learning, Data Preprocessing, Data Filtering

- **Zomato Review Analysis**

*Description:* Performed sentiment analysis on Zomato reviews using natural language processing techniques. Extracted key insights into customer preferences and implemented machine learning algorithms to categorize reviews.

*Technologies Used:* Natural Language Processing, Machine Learning, Sentiment Analysis

## CERTIFICATIONS

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|---|----------------------|
| • <b>Tableau</b> PrepInsta Technologies Pvt Ltd                                   | Dec 2023             |
| • <b>Power BI</b> PrepInsta Technologies Pvt Ltd                                  | Nov 2023             |
| • <b>Data Science</b> PrepInsta Technologies Pvt Ltd                              | Nov 2023             |
| • <b>Azure Data Scientist Associate</b> Microsoft                                 | Feb 2023             |
| • <b>Data Structures in Java Nanodegree Course</b> PrepInsta Technologies Pvt Ltd | Feb 2023             |
| • <b>Competitive Coding</b> PrepInsta Technologies Pvt Ltd                        | Feb 2023             |
| • <b>AI and Machine Learning Nanodegree Course</b> PrepInsta Technologies Pvt Ltd | Dec 2022             |
| • <b>Statistical Learning for Reliability Analysis</b> NPTEL                      | Aug 2022 - Nov 2022  |
| • <b>Deep Learning</b> NPTEL  | Aug 2022 - Nov 2022  |
| • <b>Microsoft Azure Data Fundamentals</b> Microsoft Technology Associate         | Nov 2022             |
| • <b>Machine Learning Specialization</b> Coursera                                 | Oct 2022             |
| • <b>Introduction to programming in Java</b> Microsoft Technology Associate       | June 2022 - Aug 2022 |

## CODING PROFILE

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- Solved more than 200 coding questions on various coding platforms like LeetCode,GeeksForGeeks etc.
- 5 stars in Java on Hackerrank Platform

## ACHIEVEMENTS

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- Obtained 1051th rank in PrepSat Examination in April 2023
- Active Participation Prize in Mahindra Soft Skills Program
- District Level Winner in Science Fair Competition
- Won Mandal level prizes in Essay Writing and Speech Competitions
- Won Maths Mandal Level Quiz Competition

## EXTRACURRICULAR ACTIVITIES

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- Sarvagnya 2k22 - organized Quiz and Coding contest, a National Level Symposium. One of the Fest Coordinator (2022)
- Worked as Placement Coordinator in my college during the academic year 2021-2022.