**RANGHA VARDHAN**

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**CAREER OBJECTIVE :** I am a graduate in Computer Science and Engineering, with a focus on Artificial Intelligence and Machine Learning. I am enthusiastic about these fields and have a passion for Data Structures and Algorithms, as well. My interests lie in utilizing the latest technologies and techniques to solve real-world problems. I am constantly seeking new opportunities to strengthen my skills and knowledge in these fields, and I am eager to collaborate on projects that push the boundaries of what is currently possible.

**EDUCATION**

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| • **Chaitanya Bharathi Institute of Technology**, Gandipet, Hyderabad | **2021-2024** |
| Bachelor of engineering (B.E) | Computer Science and Engineering(AI&ML) | Overall: 8.2 | |
| • **Government Institute of Electronics**, East marredpally, Secunderabad | **2017-2021** |
| Diploma | Computer Science and Engineering | Overall: 8.3 |  |
| **INTERNSHIPS** |  |
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| ***Frontend Developer Intern* at Purview Services**  ***Software Developer Intern* at Ameya Intelligent Machine Labs** | **Present**  **June 2023 -Nov 2023** |

* Spearheading ReactJS-based UI development, I contribute significantly to code reviews and testing, ensuring flawless software aligned with client requirements.
* Closely with frontend and data engineering teams, I integrate frontend systems with backend REST APIs, ensuring efficient data flow and meeting stringent quality standards.

***Advanced Web development-101,201* in *AICET-LITE Program***, Hyderabad **Nov 2022 – Jan 2023**

* **Skills Learnt:** JavaScript,Node.js,Express.js, Testing ,deploy web Application using Render API and GitHub Repository

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| ***Web Development* in Sweecha Internship Virtual,** Hyderabad | **Oct 2021 – Nov 2021** | |
| **Industrial Training at National Small Industries Corporation (NSIC),** Hyderabad | **Nov 2020 – May 2021** | |
| **PROJECTS & CERTIFICATES** | [**Certificates Link**](https://drive.google.com/drive/folders/11URqkh0iQoJ61CSPRfRPI4sC4IVgu3sH?usp=sharing) | |
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| **Estate MERN Application:** | **Jan 2024** | |

* Developed a full-stack Estate application using the MERN (MongoDB, Express.js, React.js, Node.js) stack.
* Designed and implemented a user-friendly interface for real estate listings, user profiles, and authentication.
* Implemented secure user authentication using JWT (JSON Web Tokens) to ensure data privacy and user access control.
* Integrated OAuth authentication, allowing users to sign in with Google for a seamless and secure login experience.

**Tech Stack Used:** MongoDB, Express.js, React.js, Node.js, Tailwind CSS, OAuth using firebase.

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| **Deployment**: Deploy application Using **Render hosting platform.** | [**Deploy Link**](https://mern-estate-2bz2.onrender.com/) |
| **Customer Churn Prediction:** | **Nov 2023** |

* In the telecom sector's competitive market (15-25% annual churn), retaining customers is crucial for profitability.
* To address the challenge of a vast customer base, businesses focus on forecasting churn and targeting high-risk clients.
* In this cost-sensitive environment, minimizing churn is a pivotal metric for sustained profitability.

**Google Collab Link:**

[**https://colab.research.google.com/drive/1bhVuB3Unz\_gzs75UkZc1QPMUD5yeSiYX?usp=sharing**](https://colab.research.google.com/drive/1bhVuB3Unz_gzs75UkZc1QPMUD5yeSiYX?usp=sharing)

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| **Online Voting Application:** | **Jan-2023** |

* It is an Online Voting Platform which we can host the election and see live results preview.
* By using Tailwind CSS make this website fully Response platform.
* Uses CSRF token to prevent attacks. Results automatically visible to voters when election ended

**Deployment**: Deploy application Using **Render hosting platform.** [**Deploy Link**](https://online-voting-9g78.onrender.com/)

**Industrial Training Certificate**

* **Link:** [**https://drive.google.com/file/d/11VDDWt8Ol7Smqceo8MT1fRq0gGApNuYO/view?usp=share\_link**](https://drive.google.com/file/d/11VDDWt8Ol7Smqceo8MT1fRq0gGApNuYO/view?usp=share_link)

**SKILLS**

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| • | **Languages:** Python, C,CSS, JavaScript, SQL, Tailwind CSS. | **Developer Tools:** VS Code, R studio. |
| • | **Frameworks:** Express.js, ReactJS, NodeJS, REST API . | **Databases:** MongoDB, MySQL. |

* **Libraries:** Scikit-learn, Kera’s, NumPy, Pandas.

**CERTIFICATIONS**

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| • Data Analytics Essentials by CISCO | | **Jan 2024** |
| • Cognizant Agile Methodology Virtual Experience Program on Forage | | **Apr 2023** |
| • | JPMorgan Chase Commercial Banking Virtual Experience Program on Forage | **Mar 2023** |
| • | Deloitte Technology Virtual Experience Program on Forage | **Feb 2023** |

**ACHEIVEMENTS & ACTIVITIES**



* Worked as Member of Chaitanya Spandana Club, Neural Nexsus in CBIT.
* Awarded with AICTE LITE Pupil Certificate.
* Solved 150+ leetcode questions, 5 star Hackkerank coder.
* Got 95 Branch rank,990 State rank in ECET-2021.