BHARATH MUDDULURU

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EDUCATION

Vellore Institute of Technology	**Vellore, TamilNadu**
B-Tech in Computer Science and Business Systems	**CGPA: 8.75**	2021-2025
Fiitjee, Hyderabad	**Hyderabad, Telangana**
HSC	TSBIE SCORE **(XII) : 95%**	2019-2021
Sanskruthi Global School	**Vizag, AndhraPradesh**
High School	CBSE SCORE **(X): 94.4%**	2016-2019

EXPERIENCE

Urbanchat.ai | Backend Engineer Intern (Remote) | Offer letter   *June 2024 –Present*
- Developed and maintained backend services and APIs using **Node.js** and **Express.js**, contributing to the enhancements of 2 new features including integration of voice ai.
- Optimized chatbot responses by optimizing system and base prompts and working with **Pinecone database**, resulting in an approximate **60% increase in chatbot accuracy**.
- Designed and crafted responsive UIs using **Next.js**.

Neovatic Technologies Pvt Ltd | Intern (On-Site) | *Certificate* | Project Demo   *November 2023 –December 2023*
- Engineered a robust React-Node.js application with **restricted API access** integrating real-time data displays and profile management, increasing data retrieval speeds by up to 20-25%.
- Successfully executed **UiPath RPA automation** using web scraping techniques, extracting API data to Excel, and seamlessly distributing it via email attachments reducing manual work by 50%.

PROJECTS

IVYESTATE | MongoDB, React, Express.js, Node.js, Tailwind CSS   *[Demo] [Hosted Link] [GitHub]*
- Created a real estate platform using the **MERN stack**, achieving a full-stack, seamless solution.
- Designed and executed a responsive UI, optimizing user experience and accessibility across devices.
- Integrated **Redux for efficient state management**, improving data consistency and reducing application load time by 20%.
- Built efficient **RESTful API services** with Express.js and Node.js, enhancing server and client app data interaction by 15%.

UrbanMart | Bootstrap, CSS, HTML, JavaScript, Express.js, Node.js, MySQL, Stripe   *[GitHub]*
- Implemented product display and advanced search functionality, reducing user search time by around 20% and improving product discovery rates.
- Integrated MySQL for efficient transaction storage and real-time updates, and integrated secure payment processing with **Stripe**.
- Crafted a **responsive**, mobile-first user interface using HTML, CSS, and JavaScript, enhancing cross-device compatibility and increasing mobile engagement by 15% through iterative design improvements.

AttriTrack | Python, Scikit-learn, Matplotlib, Seaborn, Numpy, Pandas   *[GitHub]*
- Developed a customer attrition prediction model using Logistic Regression, leveraging Python and scikit-learn to achieve 90% accuracy in forecasting potential attrition, enhancing customer retention strategies.
- Performed comprehensive data preprocessing, handling 100+ missing data points and improving data quality for the predictive model by 15%.

POSITION OF RESPONSIBILITY

Technical Head | IEEE TEMS   *December 2023 – Present*
- **Managing** all the **4 technical domains** of the chapter.
- Mentored chapter members in various technical domains, providing guidance and support to overcome challenges, and successfully organized and conducted multiple **technical events**, resulting in increased member engagement and skill development.

CERTIFICATIONS

Azure Administrator Associate	Microsoft	View Credential
AWS Certified Cloud Practitioner	Amazon	View Credential
The Web Developer Bootcamp 2024	Udemy	View Credential

SKILLS

Languages : C++, Python, SQL
Frameworks and Tools : MERN (MongoDB, Express, React, Node.js), Next.js, Tailwind CSS, JavaScript, JQuery, Git, Github, Docker, Postman, VS Code, RPA
Libraries : Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn