

BHARATH MUDDULURU

📞 9963431015 ✉ mbharath1603@gmail.com 🔗 [linkedin.com/in/bharath-mudduluru](https://www.linkedin.com/in/bharath-mudduluru) 🐙 github.com/bharath0616 🌐 Portfolio

EDUCATION

Vellore Institute of Technology

B-Tech in Computer Science and Business Systems | **CGPA: 8.76**

Fiitjee, Hyderabad

HSC | TSBIE SCORE (XII) : **95%**

Sanskruithi Global School

High School | CBSE SCORE (X): **94.4%**

Vellore, TamilNadu

2021-2025

Hyderabad, Telangana

2019-2021

Vizag, AndhraPradesh

2016-2019

EXPERIENCE

Backend Engineer | Urbanchat.ai

June 2024 – Sep 2024

- Developed and maintained backend services and APIs using **Node.js** and **Express.js**, driving the enhancement of 2 new features, including the seamless integration of voice AI and the design of responsive UIs with Next.js to improve user experience and functionality.
- Optimized chatbot responses by optimizing system and base prompts and working with **Pinecone database**, resulting in an approximate **60% increase in chatbot accuracy**.

Web Developer Intern | Neovatic Technologies Pvt Ltd

Nov 2023 – Dec 2023

- Engineered a React-Node.js application with **restricted API access** integrating real-time data displays and profile management, boosting data retrieval speeds by up to 20-25%.
- Executed **UiPath RPA automation** using web scraping techniques, extracting API data to Excel, and distributing it via email attachments reducing manual work by 50%.

PROJECTS

Personalized Finance Assistance

[\[Demo\]](#) [\[GitHub\]](#)

- Built a robust personal finance management platform using React.js, Node.js, and MongoDB, enabling users to track income, expenses, and investments, with real-time portfolio insights and diversification analysis.
- Integrated AI chatbot and **financial APIs** for investment recommendations, boosting user engagement by 40%.
- Reduced API call frequency by 50% through **pagination** and debounce api calls, significantly enhancing application speed and responsiveness.

AttriTrack

[\[GitHub\]](#)

- Created 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%.

IVYESTATE

[\[Demo\]](#) [\[Hosted Link\]](#) [\[GitHub\]](#)

- Developed a full-stack real estate platform using the **MERN stack**, with a responsive UI that optimizes user experience and accessibility across devices.
- Integrated **Redux for efficient state management**, improving data consistency and reducing load time by 20%.
- Built **RESTful** API services with Express.js and Node.js, improving server-client data interaction by 15%.

POSITION OF RESPONSIBILITY

Technical Head | IEEE TEMS

2024 – 2025

- Led and managed all **4 technical domains** of the chapter, driving operational efficiency and growth.
- Actively mentored chapter members across diverse technical domains, conducting in-depth technical sessions and successfully organizing over 2+ major **events**, significantly enhancing member engagement and facilitating advanced skill development.

CERTIFICATIONS

AWS Certified Cloud Practitioner | Amazon

[View Credential](#)

The Web Developer Bootcamp 2024 | Udemy

[View Credential](#)

SKILLS

Languages

C++, Python, SQL, Javascript

Frameworks

MERN (MongoDB, Express, React, Node.js), Next.js, Tailwind CSS, JQuery

Tools

Git, GitHub, Docker, Postman, VS Code, RPA

Libraries

Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn