Mohammed Muqeet Us Salam

Machine Learning Engineer │ Full Stack Developer

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Profile

Enthusiastic **full-stack developer** with expertise in React, Django, machine learning and deep learning models. Passionate about building data-driven applications and solving complex problems through innovative projects. Looking to leverage skills in backend development, API integrations, and machine learning to create impactful solutions.

Education

Chaitanya Bharati Institute of Technology **Hyderabad**
B.E. in Artificial Intelligence & Machine Learning *2023–2027*
CGPA: 8.66
MS Junior College **Hyderabad**
High School Diploma, JEE Mains: 94.45 percentile *2021-2023*
JEE Adv: 4780*

Technical Skills

Languages: Python, JavaScript, C, HTML, CSS

Frameworks & Libraries: React, Django, FastAPI, Vite, Tailwind CSS, GSAP, Node.js, Express.js

Databases: MySQL, MongoDB, SQLite

Tools & Platforms: Git, GitHub, Vercel, Ngrok, Docker, Postman, VS Code

Backend & APIs: RESTful API Development, Authentication, SQLAlchemy, ORM Design, Integration Testing

Machine Learning & Deep Learning: TensorFlow, PyTorch, Scikit-learn, Keras, NumPy, Pandas, Matplotlib, Seaborn

Concepts: Model Training & Evaluation, Data Preprocessing, Supervised/Unsupervised Learning, CNNs, NLP, Data Visualization

Specialties: AI-powered Web Apps, Backend Development, Data-driven Applications, API Integration, Full Stack Deployment

Projects

Chaitanya Bharathi Institute of Technology
Hacktoberfest Hackathon '25 (Organizer) *2025*
Organized and led the CBIT Hacktoberfest Hackathon, one of the largest open-source events at CBIT with over **1700 participants**. Worked with a dedicated **team of 15 members** as part of the **Tech Team**, overseeing technical and operational aspects of the event.
Handled the **live website**, managed the **backend database** and **admin site**, conducted extensive **testing**, and coordinated all **Discord-related operations**.
Contributed to fostering a culture of open-source collaboration and hands-on project-based learning among participants.

ResNet, YOLOv8, TensorFlow, Python
FishCare – AI-powered Fish Classification and Health Detection *2025*
Worked on large-scale aquatic datasets to develop two deep learning models: **ResNet-based fish species classifier** and a **YOLOv8 model for fish health detection**.
Optimized model performance through extensive preprocessing, transfer learning, and augmentation techniques.
Collaborated with a team to integrate the models into a fully functional **mobile application** for real-time fish monitoring.
GitHub: https://github.com/Shariqzain/FishCare

Python, Discord API, FastAPI
Discord Bots Suite *2024-2025*

Developed and hosted multiple Discord bots, including:
- **Culling Simulator** — Jujutsu Kaisen-inspired battle game with embeds, random events, and leveling system.
- **Server Insights Bot** — Logs and visualizes message data, integrates with sentiment models.
- **Utility Bot** — Provides slash commands for mass creation and deletion of text chats, voice chats, roles tools for different team chats. Also provides slash command for claiming team chat with a team number.

Focused on modular design, API integrations, and real-time data tracking.
GitHub: https://github.com/Muqeet-Salam/coscbot **GitHub:** https://github.com/Muqeet-Salam/discordbot

React, Django, Vercel
VolunMatch *2024*
An AI-powered volunteer engagement platform enabling organizations to connect with volunteers.
Implemented features like rewards tracking, profile integration with backend APIs, and volunteer leaderboards.
Live: volunmatch-nine.vercel.app

Python, Data Visualization
Discord Chat Insights *2024*
Built tools to analyze over **60,000+ Discord messages** for sentiment trends, keyword frequencies, and chat mood timelines.
Created interactive dashboards in Python using Plotly and Matplotlib for personalized data insights.

React, AniList API
AniList Data Explorer *2024*
Developed a data visualization platform that explores preferences using the AniList API.
Focused on interactive data-driven insights and user-friendly UI using React and Tailwind CSS.
Live: https://nawbcore.vercel.app/apis

Soft Skills

Teamwork: Collaborative and goal-oriented team player, experienced in working across technical and design teams.

Leadership: Proven ability to lead projects and organize large-scale events such as CBIT Hacktoberfest Hackathon '25.

Organization: Strong planning, coordination, and multitasking skills developed through event management and team-based projects.

Adaptability: Quick learner with the ability to adapt to new tools, environments, and challenges efficiently.

Communication: Excellent written and verbal communication skills; experienced in presenting projects and engaging communities.

Initiative: Proactive in taking ownership of responsibilities and driving innovation in both solo and team environments.

Interests

Artificial Intelligence, Backend Systems, Data Visualization, Open Source Development, Game Development