VAMSI TEJ CHOWDARY DABBAR

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Available Starting May 2025

EDUCATION

Master of Engineering, Computer Science (3.958 GPA)   **May 2025**
University of Cincinnati, College of Engineering and Applied Science, Cincinnati, Ohio
Coursework: Operating systems, Advanced algorithms, Cloud computing, Software quality testing

Bachelor of Technology, Computer Science (3.8 GPA)   **May 2022**
Karunya Institute of Technology, Coimbatore, India
Coursework: Operating System, Data Structures, Software Engineering, Algorithms, Database theory, Software architecture

EXPERIENCE

Tech Intern, *TrueChoicePack, Cincinnati, Ohio-45069.*   **November 2024 – Present**
- Worked extensively on AWS Lightsail and CloudWatch (Health Checks), ensuring seamless hosting and monitoring of websites.
- Configured and managed AWS SNS for notifications, improving system communication efficiency.
- Maintained hosted websites on AWS, ensuring uptime and security compliance.
- Designed and developed a new e-commerce website using from scratch, gaining experience in no-code tools and rapid deployment techniques.

Associate Software Developer, *WEST Pharmaceutical's,* Bengaluru, India.   **October 2022 – July 2023**
- Crafted a feature within the ASP .NET framework for the WEST ALERT SYSTEM. This initiative facilitates the collection of employee surveys and streamlines follow-up reminders for their tasks.
- Collaborated on the bot framework for the West Alert System endeavor, enhancing employee engagement by enabling them to receive alerts and reminders from a user-friendly chatbot interface.
- Managed the upkeep of the vendor management project, simplifying the process for external employees to submit timesheets and leave requests.

Intern (Graduate Software Trainee), *WEST Pharmaceutical's,* Bengaluru, India   **January 2022 – September 2022**
- Developed a stock market portfolio application during my internship, offering users the functionality to effortlessly manage their stock selections. The app enables users to easily add or remove stocks from their portfolio before proceeding to a streamlined checkout process.
- Build second phase of vendor management system which helps HRs from vendors approve and send system generated report to WEST company HR's eliminating human work.

Intern (Web Developer), *TechCiti Software Consulting PVT LTD,* Bengaluru, India   **January 2021 – March 2021**
- Worked on complaint registration portal which helps users to file a complaint through web app without reporting to police station.

ACADEMIC PROJECTS

A novel approach for effective crop production using Machine Learning (Published Paper)   **June 2021**
- The central focus of this project revolves around helping farmers in addressing a significant challenge: the potential for profit and cost losses. The project involves the creation of a robust decision-making model, empowering farmers to make informed choices. By leveraging trained data, the model enables farmers to determine the viability of cultivating a specific crop in a particular location, effectively mitigating potential risks.
- Frontend is developed using HTML, CSS, JS and python for backend.

Digital Resume (vamsitejchowdary.com):
- Crafted an engaging digital resume to reflect skills, projects, and achievements in a visually compelling format.
- Features an intuitive, mobile-friendly design, ensuring accessibility across devices.
- Highlights include project portfolios, skill charts, and an interactive contact section.
- Engineered with **React** for the frontend and **Node.js** for backend functionality, enabling dynamic updates and seamless user interactions.
- Deployed on **Netlify**, leveraging GitHub for continuous integration and smooth deployment.

Hours Tracker (hourstracker.onrender.com):
- Created a shift-tracking application for employees to clock in and clock out.
- Features include user authentication, time tracking.
- Delivered a functional app that simplifies shift management for employees.
- Frontend built with **React**, backend powered by **Node.js**, database managed using **MongoDb Compass**, and deployed with a free domain via **Render**.

Telugu Film Insights (telugufilminsights.com):
- Developed a movie review platform for Telugu cinema enthusiasts.
- Integrated features for users to submit reviews and participate in a lottery system to win free tickets.
- Built using modern web development technologies to ensure seamless user experience.
- Frontend built with **React**, backend powered by **Node.js**, database managed using **Google Firestore**, and deployed with a custom domain via **Netlify**.

Foode Alert (foodealert.com):
- Designed an application to notify customers about the availability and location of food trucks.
- Features include customer subscriptions, business owner logins, and admin approval for new businesses.
- Focused on user-friendly notifications using email and SMS systems.
- Frontend built with **React**, backend powered by **Node.js**, database managed using **MonogoDb**, and deployed on **Render** with a custom domain via **Hostinger**.

CERTIFICATIONS

- **Agile Fundamentals and Azure DevOps for end user** – Skill Soft **2022**
- **SQL Certificate** – Coursera online certification from University of Michigan **2021**
- **Data Visualization** – GlobalShala certification from Saint louis university **2021**

COMMUNITY ENGAGEMENT

- Part time fitness trainer **2022**
- Nature club team member and lead, Karunya institute of technology **2019**

SKILLS

- **Programming:** Java, C#, Python, .NET Framework,
- **Web Technologies:** React, Next, JavaScript, jQuery, HTML5, CSS, XML, JSON
- **Database:** MongoDb**,** Google FireStore, MySQL, SSMS
- **Servers:** DevOps, Amazon Lightsail
- **Tools:** Aws (including SNS, CloudWatch), Azure, Git, Bot Framework, Eclipse, GitHub, VS Code
- **Platforms:** Windows, Mac