



**Manhith Sai Pamu**

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## CAREER OBJECTIVE

To leverage my knowledge and skills for designing, building and implementing innovative solutions while ensuring high-quality and efficient Software Delivery in a reputed and fast paced Organisation.

## EDUCATION

- VNR Vignana Jyothi Institute of Engineering and Technology** 2021-25  
*B.Tech: Computer Science and Business Systems (CSBS)* CGPA: 9.0
- FIITJEE Junior College** 2019-21  
*TSBIE* Percentage: 96
- Meridian School Madhapur** 2019  
*CBSE* Percentage: 97

## TECHNICAL SKILLS AND INTERESTS

**Programming Languages:** C, C++, Python, Java, JavaScript

**Software Development:** Data Structures and Algorithms (DSA), Object-Oriented Programming (OOPs), SQL

**Web Development:** HTML, CSS, Node.js, ReactJS, MongoDB, Express

**Analytics:** Power BI for visualization

**Other Tools:** Prompt Engineering through ChatGPT, Gamma AI and other Gen AI tools, Proficiency in Canva

## EXPERIENCE/INTERNSHIPS

- Seneca Global Pvt. Ltd.** 7th June to 7th July 2023  
Hyderabad
  - As an intern, I got the opportunity to understand the dynamics of real life software development in an organisational setup and the business processes at a high level.
  - Developed a brand new animation video on Information Security by leveraging my Canva visualization skills which will be used to train all the new comers into the organisation going forward. Prior to this, live zoom calls were used to train but my project will bring down training efforts and time drastically.
  - Received Java training in an organisational setup.
- IBM SkillsBuild (Online)** 19th June to 28th July 2023  
Hyderabad
  - Explored the various concepts of Data Analytics through course modules curated by the company and worked on a project where we analysed the consumption of Fossil Fuels and Carbon pollution rate in various cities using Data analytics and learnt how Machine Learning tools like Linear Regression models can be used to serve this purpose. (Certified)

## PROJECTS

- Game 101: Gamified Learning Through Online Labs**
  - An integrated website which enables students to learn and play educational games in an interactive manner. This website serves as an Online Lab for the students who are eager to learn DSA concepts whilst engaging the gamer in them.
  - My Role:** Initiated development of games on Unity Engine and Integrating the developed games into the website using ReactJS (by developing the Front End and Back End).
  - Tools & Technologies used: Unity Engine, MongoDB, Express, Nodejs, React, HTML, CSS and AI tools (generating images)
- Intelligent Delivery Logistics** (Selected as Best project for NAAC)  
*A project that integrates both Knapsack and Job scheduling algorithms into a maximization problem.*
  - My Role:** Developed a C++ code using dynamic programming that calculates maximum possible profit combination of orders with Knapsack and deadline constraints for increased delivery partner commission.
  - Tools & Technologies used: Dev C++ code, AI tools (ChatGPT)

- **ECOSNAP**

(Designathon 2023)

- An INFO-TAINMENT social media platform that enables users to track and reduce their carbon footprints. Enables users to share their methodologies to user worldwide and inspire them to reduce their individual carbon emissions by clicking pictures and awarding points by detecting the picture using ML model.
- **My Role:** Initiated the idea and was involved in developing the application and technical architecture. Developed the front end using Adalo software
- Tools & Technologies used: Adalo, Machine learning -AI model

- **TEDx VNRVJIET**

(In progress)

*An integrated Project involving React Front End, GitHub repositories and Google forms and tools*

- **My Role:** As the Technical Team Lead, I was responsible in the updation and maintenance of the TEDx website using ReactJS and also in the creation of Google Forms for recruitment, managing data in Google Sheets and tools. It will also involve creation of payment links and automation of ticket generation.
- Tools & technologies used: ReactJS, HTML, GitHub, Tailwind CSS, Google tools (Google Forms, Sheets)

## **ACHIEVEMENTS AND ROLES**

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- **Mentor for EIE students** Working Mentor for parallel year students for C/C++ and DSA training
- **TECHNICAL HEAD** for technical team - **TEDx VNRVJIET**
- **Finalist of VNR DESIGNATHON 2023** (Domain selected : Sustainability)
- **LEAD HOST** for the inaugural of **CONVERGENCE 2023** (Showcasing strong communication skills)
- **Internal Student Member - IIC 5.0 VNRVJIET**
- **Trainings Coordinator** - Hult Prize 2023

## **TRAININGS AND CERTIFICATIONS**

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- **Project Based Learning at CrossPapers** (Duration 6 months)
- **Certification on Freedom with AI Masterclass**
- **Certification (from Be10x) on Artificial Intelligence Tools workshop**
- **Certified Smart Coder** - Smart Interviews
- **Attended MERN Full Stack training**