

# MADAPATI BRUNGESHWAR

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## EDUCATION

- **INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI** Andra Pradesh, India  
*Bachelor of Technology -Metallurgical and Materials Engineering; CGPA: 7.92* July 2019 - May 2023
- **NARAYANA JUNIOR COLLEGE** Telangana, India  
*Senior Secondary Education; State Board; Marks : 975* June 2017 - May 2019

## EXPERIENCE

- **Jio Platform Limited** October 2023 - Present  
*Software Engineer (Full-time)* *Onsite*
  - Collaborated with Frontend Team: Partnered with the Frontend team to develop a project console using **Next.js**, enhancing user interface and experience by **25%** based on usability feedback.
  - Automated Cluster Deployment: Improved cluster deployment **speed by 40%** through integrating **Docker, Kubernetes, Tekton, ArgoCD, and Shell scripting**, ensuring reliable and efficient infrastructure automation.
  - Developed backend functionality using **Golang**, streamlining YAML file generation with templates, resulting in a **30%** faster process.
- **Kleiba Private Limited** May 2022 - July 2022  
*Full Stack Developer (InternShip)* *Remote*
  - Developed Blog Pages and Forms: Built customizable blog pages and forms using the **MERN** stack, enabling Kleiba employees to upload and manage content efficiently, enhancing user engagement by **20%**.

## PROJECTS

- **MEMORIES SOCIAL MEDIA APP (link)(github)**  
*Fully-functional CRUD-based social media website where user can post their memories.*
  - Leveraged **MongoDB, Express.js, React, and Node.js** to create an application that enabled 50+ users to securely sign in, manage, and share memories, resulting in a **20%** increase in user engagement through enhanced CRUD functionality.
  - Achieved a user base growth of **50%** within the first 6 months, with over **50 active users**.
  - Facilitated product verification by admins to maintain quality and trust within the platform, achieving a **98% user satisfaction rate**.
  - **Technologies used:** NodeJs, ExpressJs, MongoDB, ReactJs,
- **Travel Management (github)**  
*Utilized C++ and OOP principles to streamline travel data management.*
  - Created a system using **C++ and Object-Oriented Programming (OOP)** principles, enabling the efficient management of travel-related data and operations for over 100 users, resulting in a 30% reduction in processing time for travel requests.
  - Engineered backend functionality using **C++**, enabling efficient transcript generation requests and reducing processing time by **40%**.
  - **Technologies used:** C++.

## TECHNICAL SKILLS

- **Languages::** C++, Java, Python, JavaScript, SQL, GoLang
- **Web Technologies::** Html, Css, ReactJs, NextJs, Redux, Angular, TypeScript
- **Frameworks::** Spring Boot, ExpressJS, Gatsby, TensorFlow, Flask
- **Tools::** GIT, PostgreSQL, MySQL, SQLite, Simulink, GitHub
- **Miscellaneous::** NodeJS, Docker, Kubernetes, ArgoCD, HyperLedger Fabric, Tekton

## ACHIEVEMENTS

- Ranked in the **top 1.4%** in JEE-Advanced, outperforming 1.2M candidates.
- Achieved runner-up in our college's intra-coding competition
- Solved over **900 problems** on LeetCode, Codeforces, and other coding platforms