

PROFESSIONAL SUMMARY

Motivated and detail-oriented Full Stack Developer with hands-on experience in React (TypeScript) and .NET Core (C#). Skilled in building responsive, scalable web applications and integrating backend services efficiently. Strong foundation in Artificial Intelligence and Software Development with a passion for solving complex problems through clean, maintainable code.

EDUCATION

Degree	Specialization	Institute	Year	CGP
B.Tech	<i>Artificial Intelligence</i>	Madanapalle Institute of Technology and Sciences	2022-2025	8.76
Diploma	<i>Computer Science and Engineering</i>	Nuzvid Polytechnic college	2022	8.9
SSC	-	Sri Narayana Vidya Vihar High School	2019	9.7

WORK EXPERIENCE

- Full Stack Developer [Capsitech]** June 2025 –Present
 - A technology company specializing in software solutions
 - Working on the ActingOffice project focused on building internal management tools
 - Developed frontend components using React with TypeScript, ensuring responsive and maintainable UI designs.
 - Built and maintained backend APIs using .NET Core (C#) to handle data processing and server-side logic

PROJECTS

- ActingOffice (Capsitech)**
 - Contributed to the development of email integration modules in an internal management tool for Capsitech.
 - Built interactive and accessible UI components using React, TypeScript, and Fluent UI.
 - Developed backend services using C# (.NET Core) to support real-time communication and data processing
- RoomEase (PG Recommendation Web App)**
 - Developed a PG recommendation platform using Next.js, React TypeScript, and Express.js, offering users personalized accommodation suggestions.
 - Implemented a recommendation logic integrating both content-based and collaborative filtering for accurate results.
 - Designed a responsive and dynamic UI ensuring smooth user interaction and optimized SEO performance.
- Recommendation System Chatbot** Sep-Nov 2023
 - Developed a personalized recommendation chatbot using collaborative filtering and content-based filtering techniques, significantly improving user engagement and satisfaction.
 - Implemented scalable and efficient algorithms for real-time recommendations, utilizing technologies such as Apache Spark and machine learning libraries, resulting in a 20
- Precise Object Segmentation Using Mask R-CNN** Jun-Aug 2024
 - Implemented Mask R-CNN for object segmentation: Achieved pixel-level segmentation for multiple objects in images by leveraging Mask R-CNN architecture, utilizing Python and TensorFlow.
 - Enhanced model performance: Optimized the model with GPU acceleration and fine-tuned hyperpa-

rameters to improve accuracy and inference speed for real-time applications.

POSITIONS OF RESPONSIBILITY

- Web Development
- Full Stack Development
- Software Development

POSITIONS OF RESPONSIBILITY

- Non-Technical Event Coordinator [*Raids 2022*]

Sept-Oct 2022

- **Organized Dumb Charades** under Raids, the intra-college games festival of Madanapalle Institute of Technology And Sciences, witnessing an **overall of 200+ participants** from students as well as staff members of the institute
- **Led a team of four** responsible for looking after **scheduling of matches** between **100+ registered teams**, addressing **logistical concerns**, crowd management, and **seamless execution** of the event

EXTRA-CURRICULAR ACHIEVEMENTS/ACTIVITIES

- Secured Silver Medal in Distributed Cloud Computing from NPTEL
- Secured second position in drawing competition conducted by NSS
- Participated in Paper Presentation in AURA

TECHNICAL SKILLS

- Languages: Python, C, Java, HTML, CSS, Javascript, React, TypeScript, Node
- Tools: VS Code, Jupyter Notebook, .NET Core (C#)
- Moocs: System design through Verilog, E-Business, Cloud-Computing