

# Mogalapalli Bhavika Ratna

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## EDUCATION

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- **B V Raju Institute of Technology** Hyderabad, India  
*Bachelor of Technology - Computer Science Engineering; GPA: 8.86* November 2021 - Present
- **Aditya Junior college** Kakinada, India  
*Class XI and XII BIEAP : Percentage = 98.5* 2019 - 2021
- **Sri Chaitanya Techno School** Vishakapatnam, India  
*Class X: GPA = 10 / 10* 2019

## SKILLS SUMMARY

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- **Languages:** C, Python, C++
- **Tools:** Google Colab, Github, Gitlab, Latex, Unity UI/UX Design
- **Soft Skills:** Team Work, Time Management, Growth Mindset, Goal Setting, Adaptability

## ACADEMIC PROJECTS

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- **Compiler Design:** Developing a compiler where it covers basic translation mechanism and error detection recovery. It includes lexical, syntax, and semantic analysis as front end, and code generation and optimization as back-end. Objectives – The Objectives of this course is to explore the principles, algorithms, and data structures involved in the design and construction of compilers.
- **Snake and Ladders Game (Pygame):** Developed a digital Snake and Ladders game using Pygame with smooth gameplay, player movement, and an engaging user interface.
- **InteriAR:** Developing an AR-based interior designing app that utilizes AI algorithms for content based recommendations. Users can visualize virtual furniture and decor in real-world spaces, enhancing the design process. Proficient in AR development, AI integration, and user-centric design.

## ACHIEVEMENTS

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- **Women Engineering Program**
  - Member of Women Engineering Program offered by Talent Sprint, supported by Google.
  - Got selected in Women Engineering Program out of 27k applications and achieved 100 percent scholarship:
  - In Corporate skills learned about KASH Model, Goal setting, Time Management and working in teams.:
  - In Technical skills worked on Team work, and learned to write clear, simple, well tested:

## CERTIFICATIONS

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- Python Basics for Data Science IBM (edx)
- Certificate of participation in AI for all program and completed the AI aware stage

## PARTICIPATIONS

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- **NetApp Women Innovathon 2022-2023:** Participated in the NetApp Women Innovathon, a dynamic event focused on fostering innovation and empowering women in the technology sector.
- **All India Hackathon'23:** Participated in the 'All India Hackathon'23' organized by Shooting Stars Foundation with the theme 'TECH FOR GOOD'

## EXTRA - CURRICULAR ACTIVITIES

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- Part of Western Dance club in our college and participated in events

## PROFESSIONAL TITLE

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- I am flexible, reliable and pretty quick learner.
- I am able to work well both in a team environment as well as using own initiative.