

# Indu Yelchuri

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LinkedIn Profile • Portfolio

## Education

**VIT-AP University, Amaravati, Andhra Pradesh** *Expected 05/2026*  
Integrated M.Tech in Computer Science • CGPA: 8.80  
**Sri Chaitanya Junior College, Hyderabad, Telangana** *06/2021*  
Higher Secondary Education • 89%  
**Smt. R.S.B. Arya Vidya Mandir (Juhu), Mumbai, Maharashtra** *06/2019*  
Secondary Education (ICSE) • 94% - best of five

## Experience

**Data Analyst Intern – NullClass** *02/2025 – Present*

- Analyzing large datasets to extract insights and improve business decision-making.
- Developing interactive dashboards and reports using Power BI and SQL for real-time analytics.
- Optimizing data pipelines and ensuring data integrity through ETL processes.

**Toastmasters Club – President** *10/2023 – Present*

- Led and mentored members, fostering communication and leadership skills.
- Organized and conducted meetings, workshops, and competitions.
- Managed events efficiently, ensuring seamless execution and engagement.

**IconWave – UI/UX Design Intern** *06/2024 – 07/2024*

- Collaborated with engineers to optimize UI performance and automate user interactions, reducing latency.
- Designed responsive, low-latency UI for web and mobile platforms.
- Ensured seamless integration with backend systems and APIs.

**TEDxVITAP – Core Team Member** *03/2024 – 04/2024*

- Managed logistics, speaker coordination, and event operations.
- Ensured a seamless event experience, enhancing organizational and leadership skills.

## Projects

- **Optimized UI Design for Performance-Intensive Systems** — Developed microservices-based UI components to minimize memory overhead and improve application responsiveness.
- **Full-Stack Ticket Booking System** — Designed and deployed a scalable booking platform using Spring Boot and Angular, integrating REST APIs and enhancing user experience.
- **Power BI Data Pipeline Optimization** — Streamlined data processing pipelines, improved query performance by 30%, and created interactive dashboards for data-driven insights.
- **Real-Time Google Play Store Data Analytics - Python** — Built a data analytics platform using Python to analyze app metrics, visualizing trends and generating actionable insights.

- **Angular Weather App** — Created a real-time weather application using Angular and external APIs, applying front-end development, asynchronous programming, and API data handling.
- **Tableau Portfolio Project: Interactive Stock Market Dashboard** — Used Pandas for data manipulation, including calculating moving averages and percent change. Built an interactive Tableau dashboard with line charts, histograms, and detailed tables for stock market analysis.

## Technical Skills

- **Programming:** Python, Java, JavaScript, SQL, R, R Studio
- **Operating Systems:** Windows, Linux
- **Software Development:** SDLC, Agile methodologies, Debugging
- **Web Development:** HTML, CSS, Angular, UI/UX Design
- **Data Analytics:** Power BI, Excel, Data Visualization, DAX, Power Query, Data Pipeline Optimization, Tableau
- **Cloud & Tools:** Version Control (Git/GitHub)

## Soft Skills

Intellectual Curiosity, Analytical Thinking, Effective Communication, Collaborative Leadership, Adaptability, Resilience, Problem-Solving, Project Management, Public Speaking, Teamwork, Critical Thinking, Initiative Responsibility, Quick Learning, and Decision-Making under Pressure.

## Achievements

- Topper in the school in commercial applications
- Winner of Designathon (VVIT 2023) — Developed a Sustainable Water Mineralization System.
- Volleyball — Represented district and national teams.
- Runner-up in VIT-AP and SRM cultural fests (Volleyball).