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: 8.99

## Sri Chaitanya Junior College, Hyderabad, Telangana *06/2021*

Higher Secondary Education •90%

## 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 Opti- mization, Tableau
* **Cloud & Tools:** Version Control (Git/GitHub)

# Soft Skills

Intellectual Curiosity, Analytical Thinking, Effective Communication, Collaborative Leadership, Adapt- ability, Resilience, Problem-Solving, Project Management, Public Speaking, Teamwork, Critical Think- ing, 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).