

# Eswar Bongu

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## SKILLS

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- **Languages:** C++, C, JAVA, Python
- **Frameworks:** HTML and CSS, JavaScript
- **Tools/Platforms:** MySQL, Excel, Power BI, Jupyter Notebook, Visual studio code
- **Soft Skills:** Problem-Solving, Team Collaboration, Communications, Adaptability

## PROJECTS

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- **Cover Letter Generator Web App** | [GitHub](#) Apr' 25
  - Developed a web-based tool that generates personalized cover letters using user inputs and Gemini Flash 2.0 API.
  - Integrated LLM-powered text generation for high-quality and context-aware outputs.
  - Designed a responsive UI using HTML, CSS, and JavaScript with smooth DOM interactions.**Tech:** HTML, CSS, JavaScript, Gemini Flash 2.0 API, Generative AI.
- **Data Analysis Project – “rexus\_data”** | [GitHub](#) Feb'25
  - Conducted a data-analysis project on building usage dataset (data\_gov\_bldg\_rexus.csv) to extract insights and patterns on governance building metrics.
  - Developed Python scripts to clean, process, visualize dataset and generate summary reports.
  - Employed modular programming and object-oriented principles to maintain readability and scalability of code.**Tech:** Python, Pandas, Data Cleaning, Data Visualization.
- **Chess Analysis System** | [GitHub](#) Mar'25
  - Analyzed chess match data using Excel to identify move patterns, player performance trends and game outcomes.
  - Utilized Excel formulas, pivot tables and charts to summarize key metrics such as openings, win/loss rates and positional advantages.
  - Cleaned and organized raw data to improve readability and accuracy of insights.**Tech:** Microsoft Excel, Pivot Tables, Data Cleaning, Data Visualization.

## TRAINING – CIPHER SCHOOLS

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### DSA in Java | Certificate

Jun'24 – July'24

- **About:** Developed Console-based application that allows users to track and manage their mental well-being. Designed with modular architecture using Object-Oriented Programming concepts to ensure scalability and maintainability. Implemented data structures for efficient record handling and time-based tracking of user moods.
- **Tech stacks used:** Java, OOP, Data Structures, Modular Programming.

## CERTIFICATIONS

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- Java and C++ Developer Certification | [Data Pro](#) Aug'24
- Fundamentals of Network Communication — [Coursera](#) Oct'24
- Python and C Language Developer Certification — [Data Pro](#) Jun'23

## Extra-Curricular Activities

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- **Active NSS (National Service Scheme) Volunteer:** May'25  
Participated in social service initiatives, awareness drives, and campus community programs.
- **NGO Service (Vizag)** May'25  
Served as a volunteer for an NGO in Vizag, contributing to community development and outreach activities.
- **Prime Minister's Scholarship Scheme:** Sept'24  
Earned the Prime Minister's Scholarship Scheme, a highly competitive national scholarship Awarded to top-performing students for exceptional academic merit.

## EDUCATION

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- **Lovely Professional University** Punjab, India  
*Bachelors of Technology - Computer Science and Engineering; CGPA: 7.69* Since Aug'23
- **Sri Chaitanya Junior College** Visakhapatnam, Andhra Pradesh  
*Intermediate; Percentage: 90%* Apr'21 – Mar'23
- **DAV centenary Public School** Steel Plant, Visakhapatnam  
*Matriculation; Percentage: 84%* Mar'21