

# Yallamilli Gangadhar

LinkedIn: [linkedin.com/in/gangadhar-yallamilli](https://www.linkedin.com/in/gangadhar-yallamilli)

GitHub: [github.com/gangadhar](https://github.com/gangadhar)

Email: [gangadhar.yallamilli@gmail.com](mailto:gangadhar.yallamilli@gmail.com)

Mobile: +91 8096326869

## SKILLS

- **Languages:** Python, C, C++, SQL
- **Frameworks & Libraries:** HTML, CSS, NumPy, Pandas, Scikit-Learn, Matplotlib, Seaborn
- **Tools & Platforms:** MySQL, Excel, Power BI, Git, GitHub, VS Code
- **Core CS:** Data Structures, Algorithms, OOP, DBMS, Operating Systems, Computer Networks
- **Soft Skills:** Team Player, Adaptability, Leadership

## INTERNSHIP

### Infosys Springboard | Virtual Internship Feb' 26 – Present

- Built a product price comparison system integrating data from 5+ e-commerce platforms using Python and web scraping techniques.
- Automated data extraction and database handling, improving processing efficiency by 60% and maintaining high data accuracy.
- Optimized search and filtering functionality, reducing response time by 30% and enhancing user experience.

**Tech:** Python, Django, HTML, CSS.

## PROJECT

### Train Management System | GitHub Jan' 26 – Feb' 26

- Engineered a C++-based Train Management System implementing 7+ data structures for efficient ticket booking and scheduling operations.
- Accelerated train lookup using Binary Search ( $O(\log n)$ ), reducing search time by nearly 50% over linear search
- Developed 5+ modules including booking, cancellation with undo, waiting list handling, and priority scheduling to process 100+ ticket operations.

**Tech:** C++, Data Structures & Algorithms, STL, Streamlit

### 18th Lok Sabha Performance Analytics Dashboard | GitHub Nov' 25 – Jan' 26

- Designed an interactive Power BI dashboard analyzing 540+ MP records to generate structured parliamentary insights and performance metrics.
- Integrated 12+ DAX measures to compute attendance, participation and demographic metrics with adaptive filtering.
- Created 18+ visuals with state map integration and multi level slicers for real-time comparative analysis and performance tracking.

**Tech:** Power BI

### Student Performance System | GitHub Jun' 25 – Jul' 25

- Implemented a console-based Student Performance Management System using Python and MySQL to manage 100+ academic records.
- Structured modular OOP architecture and optimized SQL queries to improve data retrieval efficiency and scalability.
- Delivered mark calculation and attendance modules, achieving 99% accuracy in performance evaluation processes.

**Tech:** Python, SQL

## TRAINING

### Lovely Professional University (LPU), Punjab | Certificate Jun' 25 – Jul' 25

- Attended an intensive summer training program on Data Structures & Algorithms, focusing on algorithm design and computational thinking using C++.
- Practiced core structures including arrays, linked lists, stacks, queues, trees, and graphs with real coding exercises.
- Solved 100+ algorithmic problems to improve time – space complexity analysis, logical thinking, and structured problem-solving skills.

**Key Skills:** Arrays, Linked Lists, Stacks, Queues, Recursion, Sorting, Searching Algorithms

## CERTIFICATES

- Python Foundation Certification – Infosys Springboard | [Link](#) Dec' 25
- Completed Cloud Computing – NPTEL | [Link](#) Oct' 25
- Data Analytics Job Simulation – Deloitte | [Link](#) Jun' 25
- The Bits and Bytes of Computer Networking – Coursera | [Link](#) May' 25
- Responsive Web Design – Free Code Camp | [Link](#) Oct' 23

## ACHIEVEMENTS

- Solved 150+ LeetCode problems covering arrays, linked lists, stacks, queues, and recursion. Jan' 26
- Participated in a college Hackathon, building a functional prototype in a 3-member team within 24 hours. Feb' 24

## EDUCATION

- **Lovely Professional University** Phagwara, Punjab  
Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.67** Aug' 23 – Present
- **Sri Chaitanya Junior College** Amalapuram, AP  
Intermediate; **Percentage: 89.9** Jun' 22 – Mar' 23
- **Starh Em High School** Amalapuram, AP  
SSC; **Percentage: 92** Jun' 20 – Mar' 21