

## Bitta Chakradhar

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### Summer Training

June 2023-July 2023

#### Fundamentals of Data Structures using C++

- Summer training on Skill Development platform by Lovely Professional University.
- Strong knowledge of arrays, linked lists, stacks, queues, trees, graphs, and hash tables.
- Implemented sorting and searching algorithms with optimized time complexity.
- Hands-on experience with dynamic memory allocation and pointer-based structures.
- Applied object-oriented principles to enhance data structure implementations.

### Projects

#### •Traffic Accidents – Dashboard

Sep 2023-Nov 2023

- Created MS Excel Dashboard to analyse and visualize traffic accident data in India to identify causes, and locations for better traffic safety management.
- Used Excel's statistical functions (AVERAGE, MEDIAN, MODE) to analyse the trends over time for every State.
  - **Tech:** Tableau interface.

#### •Mobile Data Management – Dashboard

Feb 2024-April 2024

- Developed an interactive Tableau dashboard for mobile data management.
- Visualized key features like 5G/4G support, gaming capability, refresh rate, resolution, battery capacity, and price.
- Enabled real-time comparison of mobile specifications for better decision-making.
  - **Tech:** Microsoft-Excel.

#### •Railway Ticket Booking Website

Sep 2022-Nov 2022

- Demonstrates an overview of services, including destination options and quick links for ticket booking.
- Displays available trains with their schedules, seat categories, and prices.
- Designed the front-end using HTML, CSS, Java Script for a responsive interface website.
  - **Tech:** HTML, CSS, Java script.

### Certificates

• Supervised Machine Learning - Coursera	Nov-2024
• Data Analysis with Tableau - Coursera	Oct-2024
• Introduction to R Language - Coursera	Nov-2023
• Introduction To C++ Programming - Coursera	Feb-2023

### Technical Skills

**Languages:** Python, C, SQL, R programming, C++, Java

**Technologies/Frameworks:** Tableau, Excel, Neural Networks, HTML, CSS, GitHub, Power BI

**Skills:** Predictive Analytics, Data Structures and Algorithms, Critical Thinking, Problem-Solving, Adaptability

### Education

#### Lovely Professional University Punjab

2022– Present

Computer Science and Engineering

Jalandhar, Punjab

#### Jawahar Navodaya Vidyalaya

2016-2022

12th with Science — Percentage: 85%

Kadapa, Andhra Pradesh

Matriculation — Percentage: 80%