

# LALIT CHAUDHARY

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## EDUCATION

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<b>SRM University</b>	Bachelor of Technology - Computer Science and Engineering CGPA: 8.0	Expected – Sep, 2025 Amaravati, AP
<b>Vidya Jain Public School</b>	Intermediate – PCM – 81%(CBSE)	2021, Delhi

## EXPERIENCE

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**OMACS Technocraft Pvt. Ltd.** - *Research Intern*; Vijayawada, AP July 2022 - Present

- Experience in researching and working with cutting-edge wireless networking technologies such as RAN, 5G, and 6G.
- Hands-on experience with open-source software platforms for virtualized RAN, including FlexRAN and OpenRAN.
- Exposure to the practical challenges of optimizing resource allocation in wireless networks, including balancing competing demands, minimizing latency and congestion, and ensuring fairness and quality of service for customers.
- Demonstrated interest in the intersection of wireless networking and artificial intelligence, with a focus on developing AI software to automate resource allocation in response to customer demand.
- Strong analytical and problem-solving skills, as well as the ability to collaborate effectively with colleagues and seek out resources to support ongoing learning and development.

## PROJECTS

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**Route Master – C++**  Fall 2022

- Developed a C++ project as a part of my 3rd semester project in Btech, demonstrating expertise in programming concepts such as file handling, data structures, and algorithms.
- Implemented file handling to store data and used conio2.h library to enhance the user interface with colors, demonstrating creativity and innovation in designing an application with a user-friendly interface.
- Showcased ability to work independently and manage a project from start to finish, collaborating with team members to gather requirements, design the system, and develop the application.
- Successfully completed the project within the given timeframe, showcasing excellent organizational skills and attention to detail.
- Designed and implemented an admin panel and user panel with various functionalities such as adding busses, adding routes, booking tickets, canceling tickets, brochure, and viewing tickets.

**Smart Trader – Python**  Spring 2022

- Developed a Python-based web scraping project to gather data from the National Stock Exchange (NSE) India website, showcasing expertise in web scraping and data extraction techniques.
- Created a tool that can retrieve the data of all NIFTY50 stocks and store it in an Excel file as CSV or filter companies in real-time, demonstrating proficiency in data analysis and visualization.
- Implemented an automated data update function that refreshes the data every 10 minutes, showcasing a keen eye for detail and a focus on user needs.
- Demonstrated an understanding of the stock market and financial principles, providing value to traders and investors by creating a tool that can assist in making informed decisions.
- Created a project that has potential real-world applications and can help users in their day-to-day tasks, showcasing creativity, innovation, and practical thinking.

**Portfolio Website –**  Fall 2021

- Developed a portfolio website using WordPress framework, demonstrating proficiency in web development, plugins, and themes.
- Showcased an understanding of web hosting and the connection between the database, frontend, and backend, demonstrating excellent knowledge of web development concepts.
- Improved skills in HTML, CSS, JavaScript, and PHP programming languages, while also gaining hands-on experience with WordPress CMS, and web hosting.
- Developed a comprehensive knowledge of web hosting and the ability to troubleshoot issues related to website hosting and management.
- Highlighted the ability to solve complex problems, analyze data, and think critically, skills that can be applied to other areas of software development.

## Technical Skills

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- **Languages:** C, C++, Python, Java, MySQL
  - **Developers Tools:** VS Code, WordPress
  - **Technologies/Framework:** Git, GitHub, WordPress Framework
  - **Course Work/Skills:** Object Oriented Programming Language, Data Structures & Algorithms, Web Development