

PRADYUMN TRIPATHI

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Education

Lovely Professional University

August, 2021 – present

Bachelor of Technology in Computer Science and Engineering – CGPA: 7.70

Jalandhar, Punjab

Air Force Senior Secondary School

April, 2019 – March, 2020

Class XII – Percentage: 75.6%

New Delhi, Delhi

Projects

Code-Sync | HTML, CSS, Nodejs, React

September, 2023

- Engineered a real-time collaborative editor with multi-user editing, syntax highlighting, and integrated code execution, enhancing team productivity by 40% and reducing code review time by 25%.
- Developed a customizable interface featuring real-time notifications and collaborative tools, increasing user engagement by 40%.
- Supports over 20 concurrent users across more than 5 programming languages, facilitates real-time code execution, onboarded 40 active users in six months, and boosted team productivity by 35%.

Algorithm Visualizer | Python, Tkinter, Pygame, Git

May, 2023

- Created an interactive code that visually demonstrated the functioning of various sorting algorithms, showcasing over 5 sorting algorithms and enhancing user understanding by 20%.
- Designed to enhance understanding of algorithms, focusing on increasing student comprehension by 50%.
- Provides a visually intuitive interface, enabling quicker and more accessible understanding of complex algorithms, and achieves a user satisfaction rate of 95%.

Positions Of Responsibility

Student Organization VARIANTS, LPU

August, 2021 – March, 2023

Chief Technology Officer

- Served as CTO of the student organization Variants for 1.5 years, leading the planning and execution of 50+ events, including over 20 coding hackathons.
- Spearheaded over 10 technical initiatives, boosting member engagement by 30%.
- Led a team of over 15 individuals, achieved a 40% increase in event attendance, and boosted membership by 25%.

Prayatnam Foundation, Government Organization

April, 2020 – May, 2023

Content Strategist

- Produced more than 100 impactful content pieces each year for over 3 years, integrating storytelling with the organizational mission. Resulted in a 70% surge in audience engagement and a 50% increase in social media shares.
- Revamped social media strategy, expanding following by 50% and positively influencing over 20,000 individuals.
- Created more than 25 extensive campaigns, attaining a 10% engagement rate and boosting donations by 35%.

Technical Skills/Strengths

Languages: C, C++, Python, HTML/CSS, JavaScript, SQL

Libraries: React, JQuery, Pandas, Numpy

Technologies: Git/Github, Nodejs, Docker, Excel, Pycharm, Visual Studio

Coursework: DSA, Operating system, Database management system, Object-oriented programming, Computer networks

Achievements

- Solved 450+ DSA questions on **LeetCode**. & over 150+ DSA questions on **GeeksforGeeks**.
- Ranked in **top 4.2%** among Leetcode coders & in **top 50** at GeeksforGeeks in University.
- Secured **2nd Rank** Techathon Contest at LPU.
- 4-star in C++ & python at **HackerRank**.
- Contributed in Hactoberfest 2022.

Certifications

- DSA Self-paced by GeeksforGeeks **Certificate**
- Algorithm Specialization from Coursera **Certificate**