

GOUTAM PAREEK

SOFTWARE ENGINEER



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Chennai, Tamil Nadu



<https://github.com/Goutyx>

SUMMARY

Ambitious and proactive B.Tech Computer Science Engineering student at Lovely Professional University, Phagwara, with a strong academic foundation and a deep passion for technology and innovation. Quick to adapt and eager to learn, with proven strengths in communication, problem-solving, and teamwork. Demonstrates a balanced blend of technical expertise and soft skills.

TECHNICAL SKILLS

Programming languages:

Python | Java | C | C++ | SQL

Web development:

HTML | CSS | JavaScript

Tools & Platforms:

GitHub | Linux | VS Code |

Cisco Packet Tracer

CERTIFICATIONS

• **Computer Communications –** University of Colorado, Coursera – Jan 2025

• **Java Programming, Data Structures & Algorithms, Object-Oriented Programming –** iAmNeo Platform – May 2025

• **The Bits and Bytes of Computer Networking –** Google, Coursera – Sep 2024

POWER SKILLS

- Strong communicator, empathetic, and an active listener
- Possess both leadership and management skill
- Critical thinker with excellent problem-solving skills

PROJECTS

EVENTOPIA – AN EVENT PLANNER | HTML, CSS, React, Gemini API

- Built a fully responsive event planning platform with features such as venue listings, smart budget tracking, and event customization, aimed at improving organizer efficiency.
- Integrated Gemini AI API to automate routine planning tasks, generate personalized event suggestions, and provide analytical insights for data-driven decision-making.
- Designed and implemented a dynamic user interface ensuring seamless performance across devices, enhancing user engagement and experience.

AUTOMATIC DEADLOCK DETECTION SYSTEM | Python, Tkinter, NetworkX

- Developed a Python-based desktop application to automatically detect deadlocks in multi-process operating systems using graph-based algorithms such as Resource Allocation Graphs (RAG) and Wait-For Graphs (WFG).
- Implemented Depth-First Search (DFS) to detect cycles indicating deadlocks, with dynamic graphical visualizations rendered using NetworkX.

EXTRA CURICULAR

- Volunteered with WWF India (Chennai) – Contributed 30+ hours to environmental awareness campaigns and event coordination, demonstrating commitment to social responsibility and teamwork.
- Core Member of Electra (E-sports & Gaming Club) – Assisted in organizing inter-college gaming tournaments and tech events, contributing to event planning, promotion, and operations in our college

EDUCATION

Bachelor of technology – Computer Science

Lovely Professional University, Punjab

Aug 2023 – May 2027

Grade: 7.92

Higher Secondary education – 12th

Maharishi Vidya Mandir, Tamil Nadu

Apr 2022 – Mar 2023

Grade: 90%

Higher Secondary education – 10th

Maharishi Vidya Mandir, Tamil Nadu

Apr 2020 – May 2021

Grade: 92%

