# **GOUTAM PAREEK**

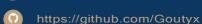
# SOFTWARE ENGINEER

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Chennai, Tamil Nadu

8807640142



#### **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, problemsolving, 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 intercollege 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%