

VIKASH MISHRA

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EDUCATION

LOVELY PROFESSIONAL UNIVERSITY

Bachelor of Technology

Phagwara, Punjab

Expected July 2026

Major in Computer Science | Cumulative GPA: **8.11/10**

Relevant Coursework: Database Management Systems, Software Engineering; Operating Systems, Algorithms, Networking

WORK EXPERIENCE

OUTLIER - AI Trainer (Contingent)

Remote | November 2024 – December 2024

- Trained 100+ AI models in programming and mathematics, improving response accuracy by 15%.
- Reviewed and refined 500+ user-submitted responses, ensuring 90%+ correctness in AI-generated solutions.

PROJECTS

SUDOKU SOLVER VISUALIZER | JAVA, DSA

September 2024

- Implemented a Sudoku solver using Backtracking and Constraint Propagation for optimized performance.
- Utilised **HashSets**, **2D Arrays**, and **Recursion** to track valid number placements efficiently.
- Designed an interactive UI in **Java (Swing)** to visualize the solving process.

SOCKET CHESS | NODE.JS, SOCKET.IO

July 2024

- Developed an interactive multiplayer chess game with real-time connectivity.
- Implemented move validation, turn-based logic, and an intuitive UI for seamless gameplay.
- Designed a **responsive UI/UX** with real-time chessboard updates for an engaging user experience.

CHAT SYSTEM | PYTHON, SOCKETS

May 2024

- Built a real-time chat system for **communication** within the same server/network using **port-based connections**.
- Reduced overhead by handling data in chunks and keeping connections open for faster, more reliable communication.

REAL-TIME WEATHER FORECAST APP | NODE.JS, API

May 2022

- Built a web app that fetches and displays live weather data using the **OpenWeather API**.
- Ensured a responsive and smooth UI with HTML, CSS, and JavaScript.

ADDITIONAL

TECHNICAL SKILLS : C++, Python, HTML/CSS, Bootstrap, SQL, Git, GitHub, React.js, Node.js

SOFT SKILLS : Problem-Solving, Teamwork, Adaptability, Time Management, Communication

AWARDS AND CERTIFICATIONS

CERTIFICATIONS & TRAINING :

- Programming in Python by Meta (Coursera)
- Basics of Android Development by Meta (Coursera)
- Data Structures and Algorithms Training in C++ (CipherSchools)
- Walmart - Software Engineering Job Simulation (Forage)
- Cloud Computing by IIT Madras (NPTEL)

AWARDS AND ACHIEVEMENTS :

- Cleared College Screening for Smart India Hackathon (SIH) 2024.
- Ranked among the **top 2% of coders** in college.
- Solved **900+** coding problems across LeetCode, GeeksforGeeks, and HackerRank.

EXTRACURRICULAR ACTIVITIES

- Participated in web development hackathons, enhancing problem-solving and coding skills.
- Active member of Google Developer Student Clubs and Literary Society at LPU.