Vikash Mishra

Lucknow, Uttar Pradesh   vikashmishra0200@gmail.com   +91-8429744454

vikashmishra.netlify.app   in vikashmishra2003   vikashmishra464   </> vikash464

Education

Lovely Professional University   *Sept 2022 – July 2026*
(B.Tech) in Computer Science and Engineering

- **CGPA:** 8.11/10.0
- **Relevant Coursework:** Data Structures and Algorithms, DBMS, Operating Systems, Computer Networks, Object-Oriented Programming, Software Engineering, Web Development

Technical Skills

Programming Languages: C++, C, Python, SQL, Java, JavaScript

Web Technologies: HTML, CSS, JavaScript, PHP

Frameworks & Libraries: Node.js, React.js, Bootstrap, MongoDB

Developer Tools: VS Code, Git, GitHub

Projects

Sudoku Solver Visualizer   *Github* ☒

- Developed a **Java-based application** to visually showcase Sudoku puzzle solving using a **backtracking algorithm**.
- Optimized the backtracking algorithm, reducing computation time by **30%** compared to traditional implementations.
- Tools Used: Java, DSA

Socket Chess   *Github* ☒

- Developed a **real-time multiplayer chess game** that allows two players to compete while others can spectate.
- Implemented **Chess.js** for move validation, ensuring fair play, and used **Socket.io** for real-time board updates with **latency under 100ms**.
- Tools Used: Node.js, Socket.io, Chess.js

Weather Forecast Application   *Github* ☒

- Developed a **real-time weather application** that fetches and displays weather data using the **OpenWeather API**.
- Optimized API calls to reduce response time by **40%**, enhancing performance and efficiency.
- Tools Used: HTML, CSS, JavaScript

Certifications

Programming Foundations: Data Structures   *LinkedIn* ☒
Cloud Computing   *Neptel* ☒

Achievements

- Solved **500+** problems and maintained a **200-day streak** on **LeetCode**.
- Solved **200+** problems across **GeeksforGeeks** with a **60-day streak** on GFG.
- Achieved **5-star** rating on **HackerRank**.

Extracurricular Activities

- Participated in Web Hackathons, enhancing problem-solving and coding skills.
- Active member of Google Developer Student Club and Literary Society at LPU.