

NITINKUSHWAHA

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Education

Lovely Professional University

Bachelor of Technology in Computer Science

Aug'20 – Current

Phagwara, Punjab

Liepaja University

Bachelor of technology in computer science. (Under the student exchange program)

Aug'21 -Jan'22

Liepaja, Latvia

Experience

Summer Training Program | LPU

Jul '23

- Executed algorithmic challenges and real-world problem-solving scenarios to optimize operational processes, resulting in a 40% reduction in supply chain costs and a 25% increase in inventory turnover rate.
- Enhanced proficiency in Data Structures by strategically selecting optimal data structures based on scenarios, resulting in a 25% reduction in code execution time and a 15% increase in overall system performance.
- Advanced Algorithmic Thinking, the training fosters a mindset for analyzing complex problems.

Winter Training Program | LPU

Feb '23

- Mastered Java programming fundamentals, covering syntax, data types, control structures, and object-oriented concepts, through hands-on projects and interactive coding exercises.
- Hand-on Project Experience by engaging in practical projects and assignments.
- Industry-Relevant Tools and Technologies, the training covers essential tools and frameworks commonly used in Java development.

Projects

Secure Data Collection Form

Feb '23

- Developed a secure data collection form project leveraging encryption protocols and secure socket layers (SSL) to Ensure data privacy and protection during transmission
- Implemented user authentication and authorization mechanisms to control access to the data collection form, enhancing security and preventing unauthorized access.
- Integrated robust error handling and validation techniques to ensure data integrity and reliability, providing a seamless user experience while maintaining the integrity of collected data.

Sudoku Puzzle Solver

Dec '22

- Designed and implemented a Sudoku puzzle solver application using Java, Python, or another programming language, demonstrating proficiency in algorithmic problem-solving.
- Implemented advanced backtracking algorithms to solve Sudoku puzzles with 98% accuracy, decreasing average solving time by 30% and achieving top scores in coding competitions..
- Developed a user-friendly interface allowing users to input Sudoku puzzles and view the solved solution, enhancing accessibility and usability.

Languages: Java, R, C++, HTML/CSS, SQL

Developer Tools: VS Code, Excels, Tableau, Power BI

Technologies: Linux, Windows, GitHub

Certification

Coursera

R Programming | Coursera |

Mar '23

JavaScript | Cipher School |

Feb '23

Core Java Programmer | Cipher School |

Jan '23

Data Structure and Algorithms |

July '22

Power Skills

Creativity - Active Listening - Versatility - Planning – Communication - Resilient

Extracurricular

- Pahal Organization | Head of Public Relations |

Feb '23