Ankit Raj Lohani

Graduate Fresher | B.Tech
Computer Science & Engeneering

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Academic Qualifications

Year	Degree/Certificate	Institute	CGPA/%
2023	B. Tech	Lovely Professional University, Phagwara	8.2/10
2018	CBSE(XII)	Sree Ayyappa Public School, Bokaro	73.4%
2016	CBSE(X)	Leela Janki Public School	9.6/10

Internship & Projects

- **RPA (Blue Prism) Developer |AB InBev**   (*Jul'22 - Dec'22*)
  - Worked on Robotic Process Automation(RPA) to automate complex manual work and end-to-end operational activities.
  - Automated Chrome and Excel(BEX) with UI Automation Mode to perform the desired tasks and provide E2E outputs.
  - Designed a Macro to Automate the Excel and Worked on Automating SAP Interface using VB Scripts and SAP GUI Scripting.
  - Projects include AR Statement, Daily Sales Bot, SAP Health Check GGP, and some documentation related to projects.
- **Daily Sales Bot |UI Automation & Macro**   (*Oct'22 - Dec'22*)
  - Designed a Process using Blue Prism and Excel to get data from the web and BEX and reconcile using macro.
  - Implemented UI Automation on Chrome to log in and get data specific for company codes and download it.
- **AR Statement |GUI Scripting & Macro**   (*Aug'22 - Dec'22*)
  - Designed a Process that picks previous month's output, fetches current month's data from SAP, uses macro, and creates output.
  - Implemented scripting using SAP GUI to automate the manual task of fetching data that will further be used in the Input File.

Personal Projects

- **Add To Cart | Javascript | CSS | Html**   (*Oct'2023*)
  - Leveraged Firebase to implement a database function for real-time addition or removal of items and multi-device synchronization.
  - Enhance list management through an intuitive interface, featuring a user-friendly "Add" button for seamless item inclusion and effortless double-click functionality for removal.
- **Chrome extension - Tab Saver | Javascript | CSS | Html**   (*Oct'2023*)
  - Developed a Chrome extension for efficiently saving and managing tabs within the current window, aiding seamless multitasking.
  - Developed with JavaScript, users can input a link or seamlessly save the current tab, enhancing convenience and user interaction.
- **Term Paper |** under Prof. Chavi Kapoor   (*Apr'2023*)
  - *Comparative Non-Heuristic approaches for determining the optimal route and time for evacuation after catastrophe*
  - Designed a **path-finding visualizer** using **ReactJS**, and **Redux** to visualize paths between nodes with obstructions.
  - Implemented algorithms such as **BFS, Djisktra, and A-star** with **backtracking algorithm** to get shortest paths and reated an interface to set destination, choose algorithm, toggle walls/weighted nodes, and vary animation speed
- **Sudoku Solver | Backtracking Algorithm**   (*May'2021*)
  - Implemented a Sudoku solver with a backtracking algorithm on the 9 x 9 grid using 2-D vectors and recursion in C++.
  - Designed an algorithm that validates a number in each cell to check the correct position using a backtracking algorithm.
  - The algorithm validates for the number and if wrong checks for other numbers. If all numbers are checked from 1-9, and no valid digit is found to place, it backtracks to the previous option.

Competitions & Achievements

- Participated in competitions with Max Rating **1684** on **Codechef** and solved overall **300+** coding questions.
- Ranked **96** in Codechef February Long Challenge (DIV 3) among **18500+** participants under handle ghoul14.

Tools & Skills

- **Programming Languages:-** C-C++ | Python | Java | HTML | CSS | JavaScript | R | SQL
- **Frameworks And Libraries:- :** React | |Material-UI | pandas | numpy | BEX | SAP
- **Developer Tools & OS:-** - GIT | Windows | MAC | Microsoft Office | MS Excel | Tableau | Blue Prism | SAP
- **Soft Skills:-** Teamwork | Problem-Solving | Leadership | Communication | Adaptability | Time Management

Certificates & Courses

- **Data Structures and Algorithms** - Self Paced by GFG
- **Python Tutorial** - Python for Beginners designed and taught by Code with Mosh.
- **Advanced DSA** - by Programming Pathsala

Extra-Curricular Activities

- Participated in **Intra-hostel badminton Competition** at **LPU**.
- Regular Participation in **Volunteer work** in my village council, constructing **volleyball court** and **teaching local kids**.
- Played in an **Intra-house badminton tournament** organized at Sree Ayyappa public school.