

# Alex Ashu Ekka

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## SUMMARY -

Software Developer with expertise in Frontend development, Data Structure & Algorithms (DSA), Database Management (SQL), Strong Problem Solving & Analytical.

## TECHNICAL SKILLS -

- **Programming Language** : C++, Basic Python
- **Frontend** : HTML, CSS, Javascript, ReactJs
- **Database** : MySql, PostgreSQL, MongoDB

## PROJECTS -

**Portfolio** - *Front End Development* | [Link](#)

**Tech Stack:** HTML, CSS, Javascript

- Developed a responsive portfolio website using JavaScript to enhance user experience (UX) and engagement.
- Presented projects, skills, and achievements effectively.
- Implemented mobile responsiveness with Media Queries, Flexbox, and Grid Layout.
- Deployed on GitHub, featuring project filtering, dynamic content, and a functional contact form.

**Sudoku Solver** - *Front End Development* | *Algorithm Web App* | [Link](#)

**Tech Stack:** HTML, CSS, Javascript

- Developed an interactive Sudoku solver application using JavaScript to enhance user experience (UX).
- Implemented an efficient algorithm to solve Sudoku puzzles in real-time.
- Designed a user-friendly interface for inputting and visualising puzzles.
- Ensured mobile responsiveness with Media Queries, Flexbox, and Grid Layout.

**NoteNest** - *MERN Stack Development* | *Web Application*

**Tech Stack:** ReactJs, Express JS, MongoDB, Node JS, Bootstrap, HTML, CSS, Javascript

- Users can browse, search, and filter a wide range of musical instruments and accessories, with real-time updates and detailed product information.
- Designed a responsive UI with React, using libraries and reusable components.
- Managed products, users, and orders with MongoDB's flexible schema.
- Built a scalable Node.js server for authentication, order processing, and data management.
- Implemented secure APIs with Express for data requests.

## ACHIEVEMENTS -

- **LeetCode**
  - Demonstrated strong problem-solving, algorithmic skills by successfully completing 250+ Data Structures and Algorithms (DSA) questions on Leet-Code.
- **Coding Ninjas**
  - Successfully completed Coding Ninjas' C++ and DSA Course by solving questions and built a strong foundation of data structures and problem solving.

## EDUCATION -

- **DELHI TECHNOLOGICAL UNIVERSITY** | New Delhi | Aug 2020 - May 2024
  - Bachelor of Technology | Major in Computer Science | Cumulative GPA: 7.8/10
- **SAHODAY SR. SEC. SCHOOL** | New Delhi | Jul 2018 - Jul 2019
  - Physics, Chemistry and Mathematics (PCM) XII | Percentage - 70%

## ADDITIONAL -

- **Coursework** - Database Management System (DBMS), Object Oriented Programming (OOPS), Operating Systems, basics of SDLC.
- **Certifications** - Online Course in Algorithms of Graphs ([Coursera](#))