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## Professional Summary

C++ and MERN Stack Developer with experience building web applications, REST APIs, and efficient C++ solutions. Strong in DSA, OOP, and core CS fundamentals (OS, DBMS, CN). Seeking backend or full-stack development roles.

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## Technical Skills

**Programming Languages:** C++, C, JavaScript, Python (basic)

**Web Development:** React.js, Node.js, Express.js, REST APIs, Tailwind CSS

**Database Management:** MongoDB, SQL

**Core CS Concepts:** OOP (C++), OS (process/thread, memory mgmt), DBMS (normalization, indexing), CN (TCP/IP, HTTP/HTTPS)

**Tools & Platforms:** Git, GitHub, Postman, Vercel, VS Code, Linux (basic)

**Other:** STL (C++), Multi-file C++ projects, Problem-solving, Debugging

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## Behavioral Skills

Team Collaboration, Problem Solving, Adaptability, Time Management, Leadership.

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## Projects

### ❖ TechTrends Learning (EdTech Platform)

Developed a MERN stack platform enabling users to create, consume, and rate educational content.

- Built **responsive UI**, implemented **RESTful APIs**, and integrated **secure user authentication**.
- Managed deployment & testing, and ensured platform **security** and **performance**.
- **Tech Stack:** React.js, Node.js, Express.js, MongoDB, Tailwind CSS, JWT, Postman, Git, Vercel.
- [GitHub Link](#) | [Live Link](#)

### ❖ Library Management System

Developed a full-stack Library Management for efficient **book**, **membership** and **transaction** handling.

- Automated book issuance and return processes, reducing manual effort by **40%**.
- Backend built using **Express & MongoDB**; simulated object models and system logic using **C++ OOP concepts**.
- **Tech Stack:** C++, React, Node.js, Express.js, MongoDB.
- [GitHub Link](#) | [Live Link](#)

### ❖ Portfolio Website

Created a responsive and minimalist portfolio to showcase projects, skills, and experience.

- Built with HTML, CSS, and JavaScript, optimized for **desktop** and **mobile**.
- Integrated sections for project descriptions, live demos, and a contact form.
- **Tech Stack:** HTML, CSS, JavaScript
- [GitHub Link](#) | [Live Link](#)

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## Education

- **B.Tech in Computer Science** | Mahakal Institute of Technology, Ujjain  
CGPA: **7.25** | (Oct 2021 - Jun 2025)
- **XII (PCM)** | Vinay Adarsh Higher Secondary School, Ujjain  
Percentage: **88.8%** | 2021
- **X (MP Board)** | Vimala Convent High School Navada, Unhel  
Percentage: **89.2%** | 2019

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## Core CS Knowledge

- **C++:** OOP (Inheritance, Polymorphism, Abstraction, Encapsulation), STL, Memory Management, File Handling.
- **Operating System:** Process vs Thread, Deadlock, CPU Scheduling, Memory Management.
- **DBMS:** Normalization, SQL Queries, ACID Properties, Transactions, Indexing.
- **Computer Networks:** TCP/IP, HTTP/HTTPS, DNS, Socket Programming Basics.

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## Achievements

- Solved **250+** coding challenges on **LeetCode** and **GeeksForGeeks**, strengthening **problem-solving skills**.
- Earned a **50-day streak badge** on **LeetCode**, showcasing **consistency** and dedication to coding.
- Participated in coding challenges and hackathons to enhance problem-solving.

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## Hobbies

Sketch Art - Enhances attention to detail and creativity.