**YUGEN JARWAL**

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**SUMMARY**

Motivated and detail-oriented B.Tech Computer Science student with a strong foundation in programming, web development, and networking. Skilled in Python, Java, C++, and web technologies like HTML, CSS, and MongoDB. Adept at problem-solving, working under pressure, and quickly adapting to new technologies. Demonstrates a strong work ethic, effective teamwork, and a passion for learning and contributing to innovative projects.

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**SKILLS**

**Programming Languages**: Python, Java, C++

**Web Development**: HTML, CSS, JavaScript (basic), Express.js, MongoDB

**Data Structures**: Arrays, Linked Lists, Stacks, Queues, Heaps

**Algorithms**: Greedy, Dynamic Programming, Sorting, Searching

**Networking**: Cisco Packet Tracer, IP Addressing, Subnetting, Router & Switch Configuration

**Database Systems**: SQL (MySQL and SSMS both), MongoDB

**Tools & Platforms**: Visual Studio Code, Eclipse, NetBeans

**Other Skills**: Operating Systems basics, Object-Oriented Programming (OOP), Problem-Solving Skills

**Version Control**: Git, GitHub

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**EXPERIENCE**

Web Developement | LearnLift

Duration: [3 months]

Developed LearnLift, an academic platform for college students, offering mock tests, academic guidance, and a community forum. Integrated PYQs for exam preparation, enhancing student engagement.

Web Developerment | EcoEmpower

Duration: [2 months]

Built EcoEmpower, promoting eco-friendly alternatives to chemical products.

Developed a community forum, e-commerce platform, and carbon footprint calculator.

Secured a top 15 finish in Smart India Hackathon (SIH) among 80+ teams.

Development | Network Health Monitoring System

Duration: [1.5 months]

Created a system using ARP and ICMP protocols to detect network devices, gather IP and MAC addresses, and perform ping/tracert commands.

Analyzed network health using EDA and generated reports in CSV format.

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**EDUCATION AND TRAINING**

Bachelor of Technology, Computer Science

BML Munjal University, Gurugram

Expected Graduation: August 2027

Current CGPA: 9.1

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LANGUAGES

Hindi: First Language

English: Proficient (C2)

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