Sugandhi Bansal

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codeforces.com/sugandhi15

Profile Summary

I am an enthusiastic Computer Science and Information Technology student with experience in Web development, Backend systems, and Blockchain technologies. Passionate about building impactful solutions and continuously expanding my technical skill set.

Key interests include real-time applications, smart contract development, and competitive programming.

Education

B.Tech in Computer Science & Information Technology
Ajay Kumar Garg Engineering College, Ghaziabad
Aug 2023 – May 2027

- Actively developing technical and professional skills through academic projects and internships.
- Current CGPA: 8.3

Intermediate (Class XII)
Chaudhary Chhabil Dass Public School, Ghaziabad
2022

- Percentage: 80%

Matriculation (Class X)
Chaudhary Chhabil Dass Public School, Ghaziabad
2020

- Percentage: 93%

Projects

HuddleHub – Real-Time Video Conferencing
github.com/sugandhi15/HuddleHub ↗

- Built a web app for video meetings, live chat, and screen sharing.
- Used WebSocket for real-time messaging and participant updates.
- Added authentication and role-based access.
- **Tech:** Node.js, WebRTC, Socket.io, MongoDB.

Hotel Management System
github.com/sugandhi15/Hotel-management-system ↗

- Developed a platform to manage bookings, rooms, and users.
- Implemented JWT authentication and role control.
- Added email notifications for confirmations.
- **Tech:** Django, REST Framework, PostgreSQL.

Blockchain FundMe – Crowdfunding DApp
github.com/sugandhi15/FundMe$_{Foundry_{Blockchain}}$ ↗

- Deployed smart contracts for secure crowdfunding on Ethereum.
- Used Chainlink for live ETH/USD conversion.
- **Tech:** Solidity, Chainlink, JavaScript.

Competitive Programming

Solved 500+ problems across platforms like Codeforces, LeetCode, and GeeksforGeeks.

Codeforces: Max rating – **1064**, sugandhi15 ↗

LeetCode: 250+ problems solved, **Top 20% globally**, leetcode.com/sugandhi15 ↗

Regular participant in contests, focused on Data Structures, Algorithms, and Problem-Solving.

Skills

Programming Languages: Java, C, Python, Solidity

Web Development: HTML, CSS, JavaScript, Bootstrap, Django, Django REST Framework

Blockchain: Solidity, Foundry

Cloud DevOps: AWS