

ANURAG PANDEY

[✉ anuragpandey945028@gmail.com](mailto:anuragpandey945028@gmail.com) [LinkedIn](https://linkedin.com/in/anurrraggg) [GitHub](https://github.com/anurrraggg) [+91 7268955274](tel:+917268955274)

Education

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| Pranveer Singh Institute of Technology <i>Bachelor of Technology in Computer Science and Engineering</i> | Kanpur, India 2023 – 2027 |
| – Relevant Coursework: Data Structures & Algorithms, Object Oriented Programming (OOP), Operating Systems, Database Management Systems (DBMS), Computer Networks. | |
| City Montessori School <i>ISC Board (Class XII)</i> | Lucknow, India 2020 – 2022 |

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| City Montessori School <i>ICSE Board</i> | Lucknow, India 2010 – 2020 |
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Technical Skills

Languages: C, C++, JavaScript (ES6+), Python, SQL, Solidity, HTML/CSS

Frameworks: React.js, Node.js, Express.js, Tailwind CSS, Hardhat, PyTorch, spaCy

Dev Tools: Git, GitHub, VS Code, Postman, Firebase, Netlify, Vercel

Core Competencies: Data Structures Algorithms, RESTful APIs, System Design, OOP, Blockchain

Projects

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| CodeDuo <i>React.js, Node.js, Express, Firebase</i> | github.com/anurrraggg/codeduon |
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- Architected a gamified coding learning platform featuring daily streaks, XP tracking, and competitive leaderboards.
- Integrated **Firebase Auth** for secure authentication and synchronized user progress across devices in real-time.
- Optimized frontend rendering using React Hooks and modular components, reducing page load latency by 25%.
- Engineered a scalable **Node.js** backend to manage concurrent user sessions and quiz state efficiently.

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| PaperReviewTool <i>Python, NLP, PyTorch, spaCy</i> | github.com/anurrraggg/PaperReviewTool |
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- **Finalist Project (IIT Kharagpur Hackathon):** Developed an automated research paper evaluation system.
- Implemented a semantic analysis engine using **spaCy** to score manuscripts on readability and keyword density.
- Leveraged **PyPDF2** for high-fidelity text extraction, achieving 90%+ accuracy on multi-column academic PDFs.
- Streamlined the peer-review process, providing structured feedback to researchers 10x faster than manual review.

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| AUTHSCAN <i>Solidity, Ethereum, Hardhat, React</i> | github.com/divyansh-vijay/authscan |
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- Built a **Decentralized Application (DApp)** for immutable academic certificate verification on the Ethereum blockchain.
- Deployed gas-optimized **Smart Contracts** via Hardhat to prevent credential tampering and ensure data integrity.
- Designed a responsive React interface enabling institutions to issue and verify certificates via blockchain hashes.
- Utilized **IPFS** for decentralized, redundant data storage to ensure high availability and zero downtime.

Achievements

LeetCode Rank 865: Achieved Global Rank 865 in Biweekly Contest 166; consistent top performer in weekly contests.

Problem Solving: Solved **600+** **DSA problems** across LeetCode, Codeforces, and GfG; specialized in Graph/DP algorithms.

Hackathon Finalist: Ranked Top 10 at IIT Kharagpur Hackathon among 500+ participants (2025).

Volunteering & Leadership

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| National Service Scheme (NSS) |
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Active Volunteer

- Led a team of 10 volunteers to conduct hygiene awareness drives and social service initiatives in 3 rural villages.
- Organized weekend education camps, tutoring over 50 underprivileged children in mathematics and science.