

Arpit Pandey

[LinkedIn](#) | [GitHub](#) | [LeetCode](#)

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EDUCATION

Gyan Ganga College of Technology

B.Tech in Computer Science and Engineering

Jabalpur, M.P., India

2021 – 2025

- **GPA:** 7.92/10
- **Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Database Management Systems, Computer Networks, Software engineering, Digital Logics.

Mispa Mission Hr Sec School

Higher Secondary Education

Sihora, M.P., India

2019 – 2021

- 12th Percentage: 84.4%
- 10th Percentage: 86.6%

SKILLS

Languages: C++, JavaScript, HTML, Python

Frameworks & Libraries : React, Node.js, Express.js, MongoDB, Material UI

Databases: MySQL, MongoDB

Tools & DevOps: Git, GitHub, VS code, Netlify

PROJECTS

EventSphere

Node.js, Express.js, MongoDB, Socket.IO, Bootstrap

[Source Code](#)

- Developed a full-stack event management platform enabling 100% role-based access control for users and admins, allowing event creation, ticket booking, and attendee tracking using Node.js, Express, MongoDB, and EJS.
- Integrated real-time group chat using Socket.IO, allowing all users and admins to communicate — handling up to 50+ concurrent users with live message updates.
- Implemented ticket booking with purchase limits and session-persistent UI states; ensured one-user-one-ticket rule and real-time admin access to attendee lists.
- Designed responsive UI with MVC architecture, achieving 90%+ Lighthouse scores, and reduced client-side load by 30% through optimized DOM and event handling

ATS Resumate

Python, Flask, Generative AI, React.js, Daisy UI

[Source Code](#)

- Led a team of 5 to build a full-stack resume builder, streamlining form-to-PDF generation workflows and ensuring a 100% on-time project delivery for the final year major project.
- Built and enhanced a LaTeX-based PDF generator, evolving from basic static exports to fully customizable templates, enabling 100% structured, high-quality resume generation.
- Integrated an ATS Score Checker using Gemini Pro API and NLP, increasing keyword relevance by 40% and improving readability by 25% through AI-based feedback.
- Designed a form-based editor with real-time previews, improving user experience and enabling 70% faster customization and AI-driven suggestions for resume optimization.

URL-Shortner

Express.js, Node.js, MongoDB, JavaScript

[Source Code](#)

- Developed a URL Shortener backend using Node.js, Express, and MongoDB, generating unique short IDs of 8 characters for efficient redirection. The system is designed for performance and low-latency routing.
- Integrated a secure authentication system with role-based access, allowing over 50+ users to manage their personal links.
- Built RESTful APIs to support the creation, retrieval, and deletion of over 1,000+ shortened URLs, incorporating features like click tracking, user-specific visit history, and timestamp logging for detailed analytics and monitoring.

ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

- Solved 150+ challenges on LeetCode, GFG, and HackerRank focused on algorithms and data structures.
- Smart India Hackathon (SIH) — Participated twice and selected in internal hackathon rounds at institute level.
- National Cadet Corps (NCC) — Completed 2 years of training and earned 'B' Certificate..