

# 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:** 7.87/10
- **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++, C, JavaScript, HTML

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

**Databases:** MySQL, MongoDB

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

## PROJECTS

### Shopper

*React.js, Node.js, Express.js, MongoDB*

[Source Code](#)

- Engineered a full-stack e-commerce platform with React.js, Node.js, Express, and MongoDB, managing 1,000+ clothing products and real-time inventory updates.
- Integrated secure user authentication and Stripe payment gateway, improving transaction success rate by 35% and reducing cart abandonment by 30%.
- Created an interactive dashboard with React Query to display link engagement trends, leading to a 30% increase in user retention through data-driven insights.
- Improved backend API efficiency by 40% through route optimization and database indexing, resulting in 20% faster page load times and a measurable 15% boost in conversion rate

### Resume Builder Ats Checker

*Python, Flask, Generative AI, React, 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.

### Sampark

*React.js, Firebase, Zego Cloud*

[Source Code](#)

- Made a real-time video conferencing app using Zego Cloud SDK, enabling 100+ concurrent participants with lowlatency streaming and screen sharing support.
- Implemented Firebase Authentication and Firestore for secure user login and meeting scheduling, increasing user retention by 25% through seamless onboarding and session management.
- Achieved 99.9% uptime and reduced connection drop rate by 40% by optimizing WebRTC configurations and leveraging Zego Cloud's adaptive bitrate and network resilience features.

## CERTIFICATIONS & ACHIEVEMENTS

- Completed Cisco course on C
- Solved 150+ challenges on LeetCode, GFG, and HackerRank focused on algorithms and data structures.