

# Gyaneshwar Choudhary

 gyaneshwar

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## SKILLS

- **Languages:** C, C++, Python, JavaScript, TypeScript, HTML, CSS
- **Frameworks:** ReactJS, NextJS, NodeJS, ExpressJS, AdonisJS, Flask
- **Databases:** MongoDB, MySQL
- **Tools:** Git, Linux, Windows, AWS, GitHub, Docker
- **Soft Skills:** Leadership, Problem-Solving, Innovation, Creativity, Consistency, Discipline

## EXPERIENCE

- **Open Source Contribution** Remote  
Oct 2022 – Present
  - **Enhanced Open Source Projects:** Identified, debugged, and resolved critical issues in prominent open-source projects, improving software performance and reliability.
  - **Hacktoberfest and Community Events:** Participated in Hacktoberfest 2022 and 2023

## PROJECTS

- **CodePair: Real-Time Pair Programming Platform** Full-Stack Developer
  - *Technologies:* ReactJS, NodeJS, ExpressJS, Socket.io
    - **Collaborative Coding:** Built a real-time code editor with chat and inline commenting, supporting **10+ concurrent sessions** under **100ms latency**.
    - **Multi-Language Execution:** Integrated live execution for **4 languages**, reducing debugging cycles by **35%**.
    - **Scalable Architecture:** Designed socket-based synchronization for seamless collaboration and minimal data loss.
- **Revenue Management System – IMC** Full-Stack Developer
  - *Technologies:* ReactJS, NodeJS, MongoDB, Twilio API, Razorpay
    - **Automated Billing Workflow:** Deployed Twilio-based WhatsApp bot dispatching payment reminders and receipts within **15 seconds** of transaction completion, eliminating manual notification overhead.
    - **Financial Dashboard:** Built real-time analytics interface with **10ms** chart rendering for revenue tracking, outstanding dues, and payment trends across **500+ monthly transactions**.
    - **Secure Payment Gateway:** Integrated Razorpay with webhook validation and idempotent transaction handling, achieving **zero payment reconciliation errors** in production.
- **Certificate Launchpad – Automated Distribution System** Backend Developer
  - *Technologies:* FastAPI, Celery, Redis, Pandas, Docker, Resend API
    - **Asynchronous Pipeline:** Built FastAPI/Celery workflow processing **1,000+ records per batch** with coordinate-based PDF rendering (**:2s per certificate**), replacing manual operations that consumed **15 hours weekly**.
    - **Multi-Provider Delivery:** Implemented email system with Resend, Gmail SMTP, and AWS SES featuring retry logic and Redis-backed progress tracking, achieving **99%+ delivery confirmation** across production batches.
    - **Validation & Deployment:** Designed file integrity checks and malware scanning that prevented malformed uploads during testing; containerized stack with Docker Compose reducing teammate setup time from hours to minutes.

Additional projects showcasing expertise in various domains are available on my GitHub: [@gyaneshwar](https://github.com/gyaneshwar)

## ACHIEVEMENTS

### Awards and Honors

- Winner at OpinHacks 2k23 by MLH
- Winner at HackCBS 6.O by MLH
- SIH 2024 Hardware-Edition Finalist
- Top 10 at HackThisFall 4.0
- Top 10 at HackByte 2.0 (IIITDM Jabalpur)

### Competitive Programming

- Leetcode (Max rating 1486)
- Top-50 on GFG
- 300+ DSA Problems across platforms

## EDUCATION

### Acropolis Institute of Technology & Research

Bachelor of Technology in Computer Science And Information Technology

Oct 2021 – Jul 2025

Indore, MP, India

### Seva Sadan Hr. Sec. School

Class 12th

Apr 2020 – Jun 2021

Burhanpur, MP, India