

Gyaneshwar Choudhary

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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
Active Contributor 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 (**12s 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

ACHIEVEMENTS

Awards and Honors

- Winner at OpInHacks 2k23 by MLH
- Winner at HackCBS 6.0 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 <i>Bachelor of Technology in Computer Science And Information Technology</i>	<i>Oct 2021 – Jul 2025</i> Indore, MP, India
Seva Sadan Hr. Sec. School <i>Class 12th</i>	<i>Apr 2020 – Jun 2021</i> Burhanpur, MP, India