

Gaurav Raj

Software Developer & DevOps Engineer

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EDUCATION

B.Sc (Hons. Zoology)	Magadh University, Bodh Gaya	2021
I.Sc (Science)	R.R.P. Collage, Bhergawan	2018

EXPERIENCE

Python Developer Cybercraft Labs Pvt Ltd	Sept 2023 - Nov 2024 Patna, Bihar
Market Representative Nouveau Medicament Private Limited	Apr 2023 - Sept 2023 Patna, Bihar

CERTIFICATION & AWARDS

Software Engineer, HackerRank	2024
Problem Solving (Intermediate), HackerRank	2023
Java Programming, HackerRank	2021
Software Engineer, HackerRank	2024
Problem Solving (Intermediate), HackerRank	2023

SKILLS & INTERESTS

Frameworks & Stacks ReactJS, NextJS, NodeJS, React-Native, Flutter, Laravel, Android Studio

Programming C, C++, Python, Java, Go, Rust, JavaScript, TypeScript, PHP, Kotlin

DevOps Linux, Docker, AWS, GCP, CI/CD, Git, Github/Gitlab, Netlify/Vercel

Interests Book Reading, Blog Writing, Chess, Puzzles

PROJECTS

Snapgram | <https://snapgram-two-self.vercel.app> A Social Media Platform (i.e. Instagram) - **2024**

- **Tech Stack:** ReactJS, Appwrite, React Query, TypeScript, Vercel, Git, Github
- **Features:** Authentication System, CRUD-riched Posts System, Complete Backend
- **Accomplish:** Optimised XYZ by 50%

Carepulse | <https://carepulse-theta.vercel.app/> Healthcare Management System - **2024**

- **Tech Stack:** NextJS, Twilio, Appwrite, Sentry TypeScript, Vercel, Git, Github
- **Features:** Complete CRUD System, Admin Dashboard, SMS & Email Notifications
- **Accomplish:** Optimised XYZ by 50%

CPUInfo OS | github.com/thehackersbrain/cpuinfo-os A Complete OS from Scratch - **2022**

- **Tech Stack:** C/C++, x86-64 Assembly, Bash Scripting, Low-level emulation (i.e qemu/kvm)
- **Features:** Custom written bootloader, kernel, shell, high-level utilities (i.e text editors, terminal)
- **Accomplish:** Optimised XYZ by 50%

Hiddenwave | github.com/thehackersbrain/hiddenwave Audio Steganography Tool - **2021**

- **Tech Stack:** C/C++, Python, Bash Scripting, CMake, Git/Github
- **Features:** Hide texts, images, files inside audio files (.mp3, .wav) via low-level audio manipulation.
- **Accomplish:** Optimised XYZ by 50%