

# 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

<b>Python Developer</b> Cybercraft Labs Pvt Ltd	<b>Sept 2023 - Nov 2024</b> Patna, Bihar
<b>Market Representative</b> Nouveau Medicament Private Limited	<b>Apr 2023 - Sept 2023</b> 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:** Better understanding of authentication & authorization while handling user data.

**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:** Better understanding of file uploads, data storage and asynchronus notification handling.

**CPUInfo OS** | [github.com/thehackersbrain/cpuinfo-os](https://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:** Learnt better memory management and deeper understanding of working of OS.

**Hiddenwave** | [github.com/thehackersbrain/hiddenwave](https://github.com/thehackersbrain/hiddenwave) Audio Steganography Tool - **2021**

- **Tech Stack:**
- **Features:** Authentication System, CRUD-riched Posts System, Complete Backend
- **Accomplish:** Learned low-level audio-manipulation, memory management & garbage collection.