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. College, Bhergawan*	**2018**

EXPERIENCE

Python Developer — Sept 2023 - Nov 2024
Cybercraft Labs Pvt Ltd — *Patna, Bihar*

Market Representative — Apr 2023 - Sept 2023
Nouveau Medicament Private Limited — *Patna, Bihar*

CERTIFICATION & ACHIEVEMENTS

Software Engineer, HackerRank	2024
Java Programming, HackerRank	2021
Problem Solving (Intermediate), HackerRank	2023
Master C++ Programming From Beginner To Advance, Udemy	2022
Applied Linux Command Line and Shell Scripting Zero to Elite, Udemy	2022

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

Soft Skills Problem Solving, Agile Development, Teamwork, Communication

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**: Deeper understanding of authentication & authorization, handling user data securely.

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**: Understanding of async event-driven architecture, file uploads, secure data storage.

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**: Understanding of OS Internals, memory management, and low-level system programming.

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**: Advanced low-level audio manipulation, memory management, efficient data encoding.