

ASHUTOSH SINGH PATEL

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Skills

- Python | C | C++ | Bash Scripting | Java | JavaScript | Angular | MongoDB | MySQL | Node | Express | React | Git | OOP
- Full Stack | Back End | Front End | Vulnerability Assessment and Penetration Testing | English, Hindi, Oriya – All professional proficiency

Education

Bachelor of Technology **KIIT University** *Bhubaneswar, Orissa, India* **09/2020 - 07/2024**

- Major in Computer Science and Engineering (CSE)
- CGPA: 8.4/10

+2 in Science (PCM) **Mother's Public School** *Bhubaneswar, Orissa, India* **07/2018 - 07/2020**

- Percentage: 91%

Achievements

- Awarded with **KIITEE Merit Scholarship** for scoring an All India Rank (AIR) of **913 in KIITEE 2020**.
- Consistently positioned in the **top 1% of 22 Lakh users worldwide on TryHackMe**, with a remarkable current ranking of **677 in India** and **6,583 globally**, showcasing exceptional expertise in cybersecurity challenges.
- Achieved **37th position out of 602 participants** in the **BSides Indore CTF**, June 2023.
- **Led a team of 4** in a CTF competition and was **ranked 122nd out of 818 teams** participating in the **UIUCTF** event held in July 2023.

Certifications

- **TryHackMe** - Offensive Security, Jr. Penetration Tester, Pre-Security, Introduction to Cybersecurity.
- **AWS** - AWS Academy Graduate.

Experience

Technical Content Writer **TutorialsPoint** *Freelance* **03/2023 - 05/2023**

- Created well-written articles covering various Python topics and associated libraries such as Matplotlib, Pygame, PySpark, and Pandas.

Blogger **Hubpages** *Self-Employed* **10/2022 - 11/2022**

- Produced 14 top-tier blogs focusing on Linux, Networking, and Web Application Security.

Projects

GadgetBazaar | [Github](#) | [Live](#) **03/2023 - 04/2023**

- Developed GadgetBazaar, an advanced e-commerce platform for electronics, boasting a diverse selection of laptops, mobile phones, headphones, and more. Engineered with NextJS, Tailwind CSS, React, and MongoDB integration, delivering a seamless shopping experience.

PicConnect | [Github](#) | [Live](#) **01/2023 - 02/2023**

- Designed and developed PicConnect, a photo-sharing platform enabling seamless Google sign-in, intuitive image sharing, editing, and exploration. Facilitated engagement through likes, comments, advanced search, and a personalized visual journey

MedConnect-Pulse | [Github](#) | [Live](#) **06/2023 - 07/2023**

- Seamless medical communication with Twilio SMS notifications integrated into MedConnect Pulse. Engage in direct and group chats, collaborate using emojis and reactions, and ensure efficient healthcare coordination with built-in GIF support. Edit and delete messages as needed in this fully responsive medical pager.

StealthSearch | CLI Tool | [Github](#) | [Demo](#) **07/2023 - 08/2023**

- A bash scripting tool, that uses special Google searches (Dorks) to find secret info in files and folders, all without making obvious requests to websites. This helps keep your searches private and discreet.

CipherSleuth | CLI Tool | [Github](#) | [Demo](#) **06/2023 - 08/2023**

- Created "CipherSleuth": began as an RSA decryption tool during CTF, now handles diverse tasks like base encoding, URL manipulation, various ciphers (Vigenère, Rail Fence), and AES decryption.

PixelPatch | CLI Tool | [Github](#) | [Demo](#) **06/2023 - 08/2023**

- Developed a Python command-line utility that effortlessly restores corrupted PNG images through intelligent analysis of header data, CRC values, and crucial image components, effectively restoring image integrity with automated precision.