PRAKHAR SHUKLA

+91-6261133012 |prakharshukla1729@gmail.com|Full Stack Developer|

[Prakhar's LinkedIn](#) | [Github](#)

EDUCATION

- **VIT Bhopal University** *(Sept, 2022 – Present)*
  B. Tech CSE(Core) | CGPA: 8.42
   DAV Burhar Public School   Burhar, Shahdol, Madhya Pradesh, India   July, 2019 - July, 2021
  XII | CBSE Board|92.8

SKILLS

- HTML, CSS, JavaScript, Web flow, PHP, Python, Java, Figma.
- Java, Kotlin, MySQL, DBMS, Python, MS Excel, The Analytical Mind, Android.

PROJECTS

AES Image Encryptor *(Feb, 2024 – May, 2023)*

- **Designed and implemented an advanced image encryption platform** using the AES algorithm, which significantly strengthened data protection measures, resulting in a 50% reduction in data breaches within the first quarter.
- **Created high-performance** encryption algorithms, optimizing data protection practices that increased processing speed by 30%; ensured compatibility with existing systems while collaborating directly with the front-end development team.
- **Crafted and optimized the front-end interface**, creating an intuitive and secure platform that streamlined image uploads and encryption, significantly enhancing the user experience.
  [Project Link](#)

VIT Hostel Dex *(Aug, 2023 – Oct, 2023)*

- **Developed Complaint Management System –** Built a web platform for hostel students to log and track complaints, improving issue resolution and communication with administration. Reduced resolution time by 40%.
- **Led UI/UX Design & Deployment –** Directed design and deployment, cutting response times by 60% and boosting student satisfaction and admin efficiency by 50%.
- **Web Developer & UI Designer –** Designed and developed the front-end in a 5-member team, ensuring a seamless user experience.

Experience

- **Advanced Drone Technology** – Gained hands-on experience in UAV design, autonomous navigation, and remote sensing, completing 30+ hours of practical training.
- **Astronomy & Space Research –** Studied 10+ astronomical techniques, including spectroscopy and space-based imaging, for deep-space observation.
- **Can Sat & CubeSat Technology** – Explored satellite miniaturization, payload integration, and telemetry systems, analyzing 5+ real-world aerospace applications.

EXTRA-CURRICULARS AND ACHIEVEMENTS

ACHIEVEMENTS

- **Ecom-Thon Runner-up:** Achieved 2nd place in the 4th Techno-Cultural Fest, solving intricate economics-based challenges with analytical thinking and problem-solving skills**.**
- **Engaged in a disciplined 100 Days of Code** challenge centered on Java and Data Structures & Algorithms, leading to the creation of a personal portfolio showcasing enhanced coding proficiency.

EXTRACURRICULAR

- **Core Member, NSS VIT Bhopal –** Led a team in 7-day Special Camps and the NSS Plantation Drive, contributing to community service and participating in the Youth Parliament.

ADDITIONAL INFORMATION

- **Hobbies-**   Cooking, Listening to Music, Sports.
- **Languages:** English (Professional working proficiency), Hindi (Native or bilingual proficiency)