Pranshu Chourasia

vill- semri man ward 12 , Bettiah, Bihar,845452

📞 8789520648 ✉ rishukrchaurasia007@gmail.com in linkedin.com/in/pranshu-chourasia-615428275 ⌂
github.com/anshc022

Education

Secondary Education	**Sep 2007 – May 2019**
Central Board of Secondary Education	*Bittiah, Bihar*

Higher Secondary Education	**Jul 2019 – Apr 2021**
Central Board of Secondary Education	*Bittiah, Bihar*

Bachelor of Technology in Computer Science and Engineering	**Aug 2022 – Present**
Vel Tech Ranjani Dr. Sagunthala R D Institute of Science and Technology	*Chennai, Tamil Nadu*

Relevant Coursework

- Data Structures
- Python Programming
- Probability Statistics and Queuing Theory
- Design and Analysis of Algorithms
- Operating Systems
- Database Management
- Fundamentals of Computer Networks
- Discrete Mathematics

Experience

Upwork	**May 20224 – Present**
Full-Stack Development,API Development,React App Development,Desktop Application Development	*Remote*

- Developed and delivered web applications for clients across various industries, ensuring responsive and user-friendly designs to enhance user engagement and satisfaction.
- Designed and developed scalable APIs using Flask and Python, enabling seamless integration of third-party services and improving overall system performance..
- Built and maintained robust back-end systems with Django and Flask, supporting growing user bases and ensuring high reliability.
- Created dynamic and interactive front-end components using React and TypeScript, enhancing user experiences and improving application usability.
- Built and maintained robust back-end systems with Django and Flask, supporting growing user bases and ensuring high reliability.

Founder and Developer	**Nov 2023 – Present**
grafikgalore.live	*City, State*

- Launched and scaled grafikgalore.live, an e-commerce platform for custom-designed posters and accessories.
- Expanded product offerings to include custom mouse pads and listed products on major platforms like Flipkart and Amazon, significantly boosting sales and brand visibility.
- Implemented digital marketing strategies to drive website traffic and enhance customer engagement, while managing financial aspects such as budgeting and forecasting.

Projects

College Event Management System | *Django, PostgreSQL, HTML/CSS/JavaScript, Bootstrap, Python* **June 2024**

- Created an event management system for colleges, facilitating event creation, coordinator assignment, team registration, and slot management.
- Built with Django and PostgreSQL for robust backend management, and designed a responsive UI using HTML, CSS, JavaScript, and Bootstrap.
- Deployed on Vercel with features for communication and data export.

LinkVault | *Django, Tailwind CSS, Font Awesome, Google Fonts, PostgreSQL* **July 2024**

- Developed a secure link management web application with PIN protection, allowing authorized access to sensitive URLs.Deployed the application using Vercel, ensuring robust security and accessibility
- Implemented features for link creation, PIN verification, and admin controls for managing link security.
- Styled the front-end using Tailwind CSS, Font Awesome, and Google Fonts for a modern, user-friendly interface

Photography Client Project | *Django, React, API, JavaScript, Postman* **July 2024**

- Developed a platform using Django and React, enabling photographers to select and send edited photos via email automatically, streamlining the photo delivery process.

- Implemented robust APIs to facilitate photo selection and email dispatch, enhancing system functionality and user experience.
- Utilized JavaScript for dynamic front-end interactions and Postman for API testing and validation.

Street Light Fault Detection and Location Tracking | *IoT, Blynk, ESP32, Arduino IDE,*   **Dec 2024**
- Revolutionized street light management by integrating advanced technologies into a centralized system using the ESP-NOW protocol and smart sensors for real-time monitoring.
- Implemented QR codes on fixtures for rapid fault detection and precise location tracking, optimizing maintenance and reducing downtime.
- Incorporated motion sensors to adjust light intensity based on movement, enhancing energy conservation.
- Utilized RTAB-VSLAM for 3D mapping and navigation, 3D face detection, color/tag recognition, and an AI deep learning framework to improve safety, security, and urban planning.
- Advanced sustainability, efficiency, and safety in urban infrastructure management through innovative technology integration.

IoT-Based Health Monitoring System | *IoT, Arduino, Sensors, Mobile App*   **Dec 2022 - Feb 2023**
- Developed an IoT-based health monitoring system to track heart rate, temperature, ECG, room temperature, and humidity.
- Designed and built a device incorporating various sensors to monitor health metrics and provide real-time data.
- Integrated an SOS system for immediate assistance in case of emergencies.
- Collaborated with a team to develop a user-friendly mobile app for doctors, patients, and relatives to access and monitor real-time health data.

Awards & Achievements

Hackathon 1st Prize   **Mar 2024**
Awarded 1st place in a competitive hackathon for innovative solutions.

Interview: Mock Interview Edition 3rd Prize   **Mar 2024**
Secured 3rd place in a mock interview competition, demonstrating strong interview skills.

Ideation 1st Prize   **Nov 2023**
Won 1st prize in an ideation competition for creative and impactful project ideas.

VISAI 2nd Prize   **Feb 2023**
Achieved 2nd place in the VISAI event, demonstrating excellence in technical skills.

Technical Skills

Languages: Python, JavaScript, SQL, HTML/CSS
Technologies/Frameworks: Django, React, Flask, Bootstrap, Tailwind CSS, PostgreSQL, MongoDB, Express.js
Developer Tools: VS Code, Postman, Git, GitHub, Jenkins, Docker, Google Cloud Platform, Vercel
Hardware: ESP32, Arduino Uno, DHT11, IR Sensors, LDR, Raspberry Pi
Software: VScode, Pycharm, Project IDX, Arduino IDE, Blynk

Leadership & Extracurricular

IEEE Member   **Jan 2023 – Present**
Active Member
  ∗ Participated in IEEE meetings, workshops, and events, contributing to various initiatives and professional development.

CIS Office Bearer   **Jan 2023 – Present**
Office Bearer
  ∗ Managed CIS activities, organized events, and facilitated communication between members and the organization.

Event Organizer: HUSTLERS-24   **Feb 2024**
Organized and Managed HUSTLERS-24
  ∗ Led the organization of HUSTLERS-24, an event focused on innovation and skills development, demonstrating strong leadership and event management abilities.

Event Organizer: Probrlr Skill   **Mar 2024**
Organized Probrlr Skill
  ∗ Coordinated and executed Probrlr Skill, an event aimed at enhancing problem-solving skills, showcasing organizational and teamwork skills.