

GYAN PRAKASH PANDEY

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[gyanprakashpandey.me](https://www.gyanprakashpandey.me)

[Linkedin](#)

[Github](#)

EDUCATION

Bachelor of Technology - Computer Science Engineering

August 2021 - July 2025

Sunder Deep Engineering College, UP, India - 7.2/10 CGPA (Till 6th sem)

Matriculation & High School

March 2021

ASKM Inter High School (BSEB Board) - Saran , Bihar | 841301

EXPERIENCE

March 2024 - Dec 2024

Neron Informatics Pvt Ltd | SWE Intern

- **Optimized installation time by minimizing software dependencies and simplifying the setup process.**
- Reduced reliance on external libraries and components, improving efficiency and simplifying the installation procedure.
- Integrated **VoIP technologies and SIP monitoring** to enhance communication management and expedite deployment.
- **Improved application performance, ensuring seamless installation, configuration, and user experience.**
- **Led system integration efforts, enhancing scalability and reducing setup time** for faster real-time implementation.

PROJECTS

May 2024 - November 2024

Dialx - Desktop Application | Neron Informatics Pvt Ltd

- **Developed a desktop application for monitoring IPPBX devices** using Dialx software, **reducing installation time by 80%.**
- **Implemented User CDR, Call Recording, Extension Lists, and Live Call Monitoring** , 7+ Features for comprehensive device management.
- **Integrated real-time analytics capabilities which led to a 40%**to enhance real-time monitoring and analytics.
- Utilized **MQTT Broker and Pub/Sub protocols**, improving device connection efficiency and **reducing response times by 50%.**
- **Tech Stack Used** : Python, MQTT, SQLite, Matplotlib, APIs, Pub/Sub ,Tkinter , IPPBX .

AWB - Tour & Travelling Website | Hackfest 2024

Oct 2024 - Nov 2024

[Github Repo](#)

- Designed a travel platform for solo travelers with **20+ features, including Live Chat, Profile Matching, and a Meeting Panel** to enhance user engagement.
- Integrated trip booking with **payment gateway, email alerts, and a cloud gallery for easy photo sharing**, reducing booking time by 40%.
- Implement tools for **group creation, real-time messaging, and collaborative travel planning**, enhancing travel coordination.
- Implemented **personal expense management, SOS alerts, and user-generated travel feeds and reels**, increasing user interaction by 30%.
- **Tech Stack Used** : PHP , MySQL , Azure API , Razor pay ,JS , Web sockets , Jitsi Meet.

SKILLS

- **Frontend:** HTML, CSS, JavaScript, jQuery, React
- **Backend:** PHP, Node.js, Python, MySQL, APIs, MQTT
- **Cloud Platforms:** AWS, GCP, Azure
- **Tools:** Git, GitHub, GitLab CI/CD, Jenkins, Docker,
- Kubernetes, Ansible, Chef, Terraform, Postman, Grafana, Tkinter.
- **Course Work:** Data Structures and Algorithms, Operating Systems , Computer Networks , Database Management Systems (DBMS) , Software Engineering , Cloud Computing , Web Development , Object-Oriented Programming (OOP)
- **Soft Skills:** Skilled at working with diverse teams, guiding projects, managing time effectively, troubleshooting challenges, conveying ideas clearly, adapting to new situations, and making well-informed decisions.

ACHIVEMENTS

- GFG Hackfest Delhi NCR (Top 8 teams) for developing a travel platform with real-time chat, trip booking, expense management, and SOS alerts.
- Advanced to Second Round in Inter-College Racing Competitions.

CERTIFICATIONS :

[GCP CDL](#) [AZ-900](#) [AI-900](#) [SC-900](#) [CC](#)