Gaurav Purohit

[grajpurohittt@gmail.com](mailto:grajpurohittt@gmail.com) | [Github](https://github.com/gauravpurohit28) | [LinkedIn](https://www.linkedin.com/in/gauravpurohit28/) | +918740974566

# EDUCATION

## Rajasthan Technical University, Kota (2021 – 2025)

Kota, Rajasthan

Bachelor of Technology, Information Technology

## GPA: 7.31

Relevant Courses: Software Testing, Artificial Intelligence, DBMS, Object-Oriented Programming, Engineering Mathematics, System Design, Design and Analysis of Algorithms, Computer Networks, Data Structures and Algorithms, Operating Systems.

# WORK EXPERIENCE

## Software Developer, Device Doctor, India (07/2024 – 09/2024)

**Responsibilities: (On-Site)**

* Developed a dynamic university portal using React and Node.js, deployed on **AWS** with **Docker** for scalable containerization.
* Implemented a Git-based CI/CD pipeline using Jenkins to enable continuous integration and deployment.

## Community and Growth Intern, Stockgro, India (06/2023 – 08/2023) Responsibilities: (Remote)

* Contributed to Bigshot 2.0, a campus connect program, connecting with college students and clubs, raising brand awareness,

and generating qualified leads for StockGro.

* Developed and implemented effective outreach strategies to engage college communities, fostering a strong network
* Utilized strong communication skills to connect with potential users and generate leads for further communication.

# TRAINING

## National Institute of Electronics and Information Technology, Ropar, Punjab (05/2023 – 07/2023)

Under the supervision of Dr.Sarwan Singh, Joint Director, NIELIT Chandigarh.

* Completed a six-week training course where I learned about data analytics, machine learning, and various artificial intelligence models.
* Made several projects utilizing methods for data analytics and machine learning. They were mostly concentrated on categorization and prediction issues.

# PROJECTS

## Lumen

## [lumen.vc](https://lumen-frontend.vercel.app/)

* Implemented a memory-driven AI assistant with Gemini 1.5 Pro, utilizing NLP and speech recognition to answer queries.
* Used Raspberry Pi 4, integrating a webcam and microphone to process visual and auditory data in real time.

## Rain-Alert

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* Developed a Python-based SMS alert system using OpenWeatherMap and Twilio APIs to notify users of impending rain. Automated weather forecast retrieval and real-time SMS notifications.

## Breast Cancer Detection

## [breastcp](https://gauravbreastcp.glitch.me)

* Developed a machine learning model to predict the likelihood of breast cancer based on patient data.
* Accuracy-92%

# SOFTWARE SKILLS

JavaScript, TypeScript, Python, ReactJS, NodeJS, NextJS, Docker , AWS, Firebase, MLOps , Figma, Git

# CERTIFICATIONS

* Artificial intelligence and Machine learning | NIELIT (National Institute of Electronics & Information Technology)
* IIT-Jodhpur Hackathon | Indian National Academy of Engineering (INAE)