

# B RAKSHNA PRIYA

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## OBJECTIVE

Solution-driven professional combining technical expertise with operational insight to develop efficient and scalable systems. Proficient in solving complex problems, creating innovative solutions and using data-driven strategies. Excels independently and collaboratively, demonstrating resilience, clarity, and composure under pressure.

## EDUCATION

**B.Tech, Computer Science and Business Systems**, R.M.K. Engineering College - [8.44 CGPA] 2021 - 2025  
**12th Schooling**, Maharishi Vidya Mandir Senior Secondary School - [82.6%] 2020 - 2021  
**10th Schooling**, Maharishi Vidya Mandir Senior Secondary School - [85.4%] 2018 - 2019

## SKILLS

<b>Technical Skills</b>	JAVA, C, MySQL, Git
<b>Technologies and Platforms</b>	AWS, Cloud Computing, Artificial Intelligence, Machine Learning

## EXPERIENCE

**AI and Cloud Intern - Edunet Foundation** Jun 2024 - July 2024  
Contributed to the development of the sentiment analysis module for an AI chatbot, utilizing natural language processing techniques to detect emotional cues and automate escalation protocols.

**Web development Intern - InternPe** July 2023 - Aug 2023  
Engaged in the development of an interactive e-commerce platform, utilizing HTML, CSS, and JavaScript to implement dynamic features, improve UI responsiveness, and ensure cross-platform compatibility.

## PROJECTS

### Image Generator -

- Developed a Python-based AI image generation system leveraging open-source models (Stable Diffusion, GPT-2) and GPU acceleration.
- Integrated NLP and computer vision modules into a unified pipeline to process user prompts and generate high-resolution images.
- Implemented seed control, model optimization, and inference for reliable GPU synthetic data generation.

### Telecom Churn Analysis and Prediction -

- Designed, developed and deployed a data-driven solution by automating data ingestion (ETL), cleansing, and visualization workflows using SQL Server, Power Query, and Power BI.
- Utilized ensemble learning with Random Forest on a dataset of 30+ customer attributes, conducting EDA and feature engineering in Jupyter to develop a highly accurate (85%) churn prediction model.

## CERTIFICATIONS

- AWS Cloud Practitioner	May 2025
- Google Project Management	Aug 2023

## ACCOMPLISHMENTS

- Smart India Hackathon 2023 Finalist:** Led a project team to develop PKGRAM, an AR-powered job portal for Punjab Government, securing a spot among the top 5 finalists in SIH 2023 Software Edition.
- Secured runner-up position in inter-department project presentation contest:** Engineered an interactive portal to connect investors and innovators, streamlining opportunities for funding and mentorship.