B RAKSHNA PRIYA

Chennai, Tamil Nadu

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OBJECTIVE

Adaptable professional skilled in Agile methodologies, Java, SQL, AWS, and AI. Experienced in building scalable applications, optimizing data workflows, and deploying cloud-based AI solutions. Passionate about problem-solving, continuous learning, and delivering high-quality software

EDUCATION

B.Tech, Computer Science and Business Systems, Honors in Business Analytics - [8.49 CGPA] 2021 - 2025
R.M.K. Engineering College

SKILLS

Programming Languages	JAVA, Python, MySQL
Frameworks and Tools	Spring Frameworks, Spring Boot, RESTful APIs, Git, CI/CD, Power BI
Cloud and Platforms	AWS, Google Cloud, Cloud Computing
Concepts and Technologies	Object-Oriented Programming, Data Structures, Agile Methodologies, SDLC, NoSQL, Artificial Intelligence, OpenAI, LLM, Machine Learning

EXPERIENCE

AI and Cloud Intern - Edunet Foundation   Jun 2024 - July 2024
Contributed to a cloud-deployed AI workflow by fine-tuning LLM prompts and training lightweight models on 10,000-record datasets, improving inference reliability by 20% with test runs on Google Colab and AWS EC2.

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. Validated through unit testing and code reviews.

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.

Java-Based Real-World Simulation System -
- Built a modular Java console application simulating 3 real-world systems. Applied OOPs design and SOLID principles, utilized data structures, and implemented file-driven processing to manage 5,000+ records. Integrated exception handling and troubleshooting mechanisms to improve system reliability and maintainability.

CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 AI Foundations Associate (1Z0-1122-25) - *Oracle*	Sept 2025
- Prompt Engineering and Programming with OpenAI - *Columbia+ (Columbia University)*	Aug 2025
- AWS Certified Cloud Practitioner - *Amazon Web Services*	May 2025

ACCOMPLISHMENTS

- **Smart India Hackathon 2023 Finalist:** Coordinated the design and development of an AR-enabled job portal for the Punjab Government, earning a top 5 finalist spot 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.