ARPIT KR. GAHLOT

Software Developer

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Greater Noida, India

SUMMARY

Experienced Software Engineer with a strong background in developing intelligent solutions and applications across various sectors. Equipped with deep knowledge of software architecture and system design, with leadership skills to manage multiple developers in a team. Seeking to leverage my expertise in Android development, AI based solutions, machine learning, and Linux to contribute to innovative projects.

EDUCATION

IIT Kanpur

M. Tech Manufacturing Science
2019 – 2021

IIT Jodhpur

B. Tech Mechanical Engineering
2013 – 2017

SKILLS

- Strong organizational and time-management skills
- Exceptional communication and interpersonal skills
- Excellent leadership skills to lead a team of developers in a product cycle.

- Current Tech Stack:
  - **Flutter · Backend · Dart · Kotlin · Google Workspace · Google Cloud Platform (GCP) · JavaScript · WordPress · Firebase · Cloud Firestore · BLoC · Elixir Server**
- Previosuly used
  - **Backend · Large Language Models (LLM) · PostgreSQL · XGBoost · OpenAI · Celery · Redis · MongoDB · LightGBM · Docker Products · Apache Superset**
  - **5G · Software Defined Radio · UHD · Python · C++ · GNU Radio · Kubernetes**
  - **Microsoft Power BI · CRM Integration**

PROFESSIONAL EXPERIENCE

Chief Technology Officer (CTO)

EdumEasy Pvt. Ltd. | Feb 2024 - Present | Jodhpur | On-site

- Developing innovative solutions to make learning easy for students
- Organization management using Google enterprise.
- Development of a web app and an Android app that is a digital twin of the existing math lab.
- Leadership role to guide a team working on product design and deployement.

Data and LLM Engineer

Newtuple Technologies | Sep 2023 - Feb 2024 | Pune | On-site

- Developed high-performance AI and LLM apps using a redesigned RAG pipeline, boosting accuracy performance for scalable solutions.
- Integrated classical ML with LLM apps for enhanced functionality. Deployed all applications efficiently using Docker containers on AWS infrastructure.

Senior Project Engineer

IIT Jodhpur | Mar 2023 - Aug 2023 | Jodhpur | On-site

- Leveraged machine learning for spectrum sensing in 5G applications on a USRP N3xx MIMO testbed.
- Achieved automatic modulation detection using a custom CNN architecture. Successfully deployed the CNN model on the cloud using Kubernetes.

Data Automation Engineer

Robochamps | Jan 2022 - Fen 2023 | Bengaluru | Hybrid

- Worked on database backend management for Robochamps platform, the data for enrolled students and progression of course.
- Also did automation for message queues so as to create streamline flow of a course.