Parth Vyas Artificial intelligence engineer

parthvyas3002.p@gmail.com +91 9672762003 Portfolio LinkedIn GitHub Kaggle

PROFESSIONAL SUMMARY

I'm a passionate AI enthusiast with practical experience in machine learning, deep learning, and natural language processing. I'm proficient in Python, TensorFlow, Keras, and large language models, and I have a solid understanding of data science tools. I love tackling real-world challenges and thrive in team settings where we can create impactful AI solutions together.

PROFESSIONAL EXPERIENCE

AI Integration Analyst
Helioustin
- Developed and deployed AI models to streamline workflows and improve data-driven decision-making processes, enhancing efficiency across various departments.
- Worked closely with cross-functional teams to design and implement AI-driven solutions, ensuring seamless integration with existing systems to maximize operational effectiveness.

EDUCATION

Bachelor's of Technology (Computer Science and engineering) Jaipur, India
The ICFAI University/IcfaiTech
CGPA:- 8.0/10

INTERNSHIP'S

Persist Ventures
AI Engineer
- Orchestrated collaborative efforts across departments to seamlessly integrate AI solutions into existing platforms, boosting product capabilities and increasing user engagement by 40%.
- Engineered a comprehensive performance optimization strategy, fine-tuning machine learning models for image processing tasks, resulting in a 40% increase in accuracy rates and a 25% reduction in processing time.

SELECTED PROJECTS

Deep3D: 2D-to-3D Image Transformation with PyTorch
Python / Machine Learning / Data mining / PyTorch / VGG16 / Unet
- The project leverages state-of-the-art neural networks to infer depth, texture, and structure, enabling accurate 3D reconstructions. The repository also includes a detailed research paper elaborating on the methodologies, experiments, and results.

Weather Forecasting Using Advanced Algorithms
Machine Learning / Deep Learning / Supervised Learning / LLM
- Deployed decision tree models, reducing data processing time by 60% for weather data analysis, and enabling faster insights that informed critical resource allocation, enhancing operational efficiency.

CERTIFICATES

Coursera_Gcloud — Coursera certificate related to Google Cloud | **PyToarch_Project** — Project utilizing PyTorch | **IIRS_DistanceLearning** — Distance learning course from ISRO | **IEEE_ICICCD-2022** — Participation in IEEE ICICCD 2022 | **Data Analytics: 1 (Foundations)** | **Data_Analytics: 2 (Extending and Applying Core Knowledge)** — Extending and applying core knowledge in Data Analytics

SKILLS

Languages — *Python* | *HTML* | *CSS* | *JavaScript* | Data Stracture and Algorithm | C /C++, **Databases** — *ORACLE&MySQL* | *MS-Excel* | *Power BI* | *Tableau* | *Qualitative and Quantitative Analysis* | *Google Analytics*, **Technologies & Frameworks** — *Django* | *openCv* | *PyTorch* | *Bootstrap* | *Machine Learning* | *Deep Learning* | *Data Analytics* | *Natural Language Processing(NLP)* | *Web scraping*, **Developer Tools** — *VS Code* | *Git/Postman* | Google Collab | *Canva*

PUBLICATIONS

Predicting Coma patient emotions Based on a Real-World Study, Using Machine Learning and Deep Learning Techniques 11/09/2022
Parth Vyas (Author) / RiverPublisher
- Emotional interactions are advantageous in a variety of contexts because they have a significant positive impact on cognitive functions like learning, memory, perception, in the human brain.

COMPETITION & HACKATHONS

WIDS_Datathon/Ajmer
Adapting to climate change by improving extreme Weather_Forecasts