KRITHIK R

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LinkedIn GitHub

Summary

AI and Machine Learning Engineer with expertise in designing and deploying scalable AI-driven solutions. Proficient in Python, TensorFlow, and Kubernetes, with proven success in enhancing user engagement and optimizing systems. Demonstrated leadership in outreach initiatives, achieving an 80% increase in client partnerships and driving 40% growth in project engagement. Certified in advanced AI and cloud technologies, with hands-on experience in developing face recognition systems, cryptographic photo encryption, and AI-powered applications. Passionate about solving complex challenges through data-driven innovation.

Skills

Programming Languages: Python, Java, C/C++, SQL, JavaScript
AI/ML Frameworks: TensorFlow, PyTorch, OpenCV, BERT, Streamlit
Cloud & DevOps: Google Cloud (Kubernetes, Vertex AI, GCP Console), Docker, CI/CD
Data Analysis: Pandas, Matplotlib
Design Tools: Figma, Canva (UI/UX Design)
Other Skills: Graph Theory, Cryptography, Public Speaking, Data Analytics

Professional Experience

Turing Club, Bengaluru, Karnataka

Outreach Lead / Senior Graphic Designer October 2024 – Present

Spearheaded strategic outreach campaigns, driving an 80% increase in client partnerships and securing key MOUs within two months.
Led the design of user-centric interfaces for a GPS application, improving usability and customer satisfaction by 40%.
Produced high-quality promotional materials with Figma and Canva, leading to a 30% boost in online engagement and brand visibility. Organized and executed branding strategies for club events, increasing participation rates by 50% through creative marketing initiatives

Graphic Designer January 2023 – September 2024

Enhanced the club's online presence by creating visually impactful designs using Adobe Creative Suite and Figma, increasing engagement by 40%.
Developed innovative digital content strategies, resulting in sustained growth in social media metrics.

Google Developer Student Clubs (GDSC), Jain University

Contributor January 2023 – September 2024

Enhanced the club's online presence by creating visually impactful designs using Adobe Creative Suite and Figma, increasing engagement by 40%.
Developed innovative digital content strategies, resulting in sustained growth in social media metrics.

Goldman Sachs | Software Development Intern September 2024– September 2024

Developed and deployed algorithms to optimize data flow in large-scale financial systems, reducing latency by 25%.
Created an advanced analytics tool in collaboration with cross-functional teams, improving decision-making efficiency by 30%.
Automated reporting workflows using Python and SQL, saving 15 hours weekly and enhancing productivity.

JPMorgan Chase | Software Engineering Virtual Intern September 2024– September 2024

Engineered algorithms to optimize trade flows, enhancing system reliability and data accuracy.
Designed an intuitive dashboard for transaction monitoring, streamlining operational processes and reducing manual overhead.
Automated backend workflows with Python-based scripts, decreasing manual interventions by 20%.

Walmart | Software Development Intern September 2024 – September 2024

Developed a cutting-edge inventory management system, improving stock allocation accuracy and reducing excess inventory by 18%.
Automated logistics workflows with scalable solutions, achieving a 30% improvement in efficiency.
Partnered with cross-functional teams to implement AI-driven personalization, enhancing the customer shopping experience.

Certifications

Develop GenAI Apps with Gemini and Streamlit – Google Cloud

Transformer Models and BERT Model – Google Cloud

DevOps Essentials – IBM

Advanced Python & Java – Udemy

Causal Inference – Columbia University

Introduction to Responsible AI – Google Cloud

Education

Bachelor of Technology - Computer Science Engineering And Artificial Intelligence and Machine Learning
Jain (Deemed-to-be University)
August 2023 – April 2027 (Expected)

Key Projects:
Face Recognition System: Designed a real-time face detection and movement tracking application using Python and OpenCV.
Photo Encryption: Developed a cryptographic system to secure data embedding and extraction in images, enhancing digital security protocols.
Network Routing Optimization: Applied graph theory to optimize network routing for increased efficiency.
Hand Joint Recognition: Built a system for real-time hand movement recognition using computer vision techniques.

Excel PU Science College, Computer Science
June 2021 – March 2023