

SUMMARY

Highly motivated Entry-Level Software Engineer with 1 year of experience in AI/ML, specializing in deploying scalable ML models and improving system efficiency. Completed a Master's Degree in Computer Science, with a strong foundation in machine learning and software development. Known for deploying ML models at scale, with a passion for leveraging technology to drive business growth.

EXPERIENCE

Software Engineer VantaLabs, 2022–2023

- Designed and developed a predictive maintenance system using Python, scikit-learn, and TensorFlow, resulting in a 25% reduction in equipment downtime.
 - Collaborated with the data science team to integrate ML models with the company's IoT platform, improving real-time analytics capabilities.
 - Implemented automated testing and deployment scripts using Jenkins and Docker, reducing deployment time by 30%.
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PROJECTS

Image Classification Model Personal Project, 2022

- Developed an image classification model using PyTorch and convolutional neural networks, achieving an accuracy of 92% on the CIFAR-10 dataset.
 - Deployed the model on AWS SageMaker, demonstrating scalability and real-time inference capabilities.
 - Created a technical blog post detailing the project's architecture and results, published on Medium.
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TECHNICAL SKILLS

TECHNICAL SKILLS Languages: Python, Java, C++ Frameworks: TensorFlow, PyTorch, scikit-learn Cloud: AWS, GCP Tools: Git, Docker, Jenkins Databases: MySQL, MongoDB OS: Linux, macOS

EDUCATION

Master of Science in Computer Science, Stanford University, 2022 GPA: 3.9/4.0 Relevant Courses: Machine Learning, Deep Learning, Natural Language Processing, Computer Vision Thesis Title: "Scalable Image Classification using Convolutional Neural Networks"