| Rohit Krishna  Data Scientist  Well experienced in building data-intensive applications in diverse industries. Capable of developing and deploying adaptive applications for impactful business outcomes. Eager to tackle new challenges. | Kerala, India  **+91 994 773 0369**  **krish.rohitnp@gmail.com**  [**rohit-krish.github.io/Website**](https://rohit-krish.github.io/Website)  [**medium.com/@rohit-krishna**](https://medium.com/@rohit-krishna) |
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| PROFESSIONAL EXPERIENCESoftware Developer Intern, iDataLytics***October 2023 - Present***RECENT PROJECTS[Deep Learning Framework with GPU Support](https://github.com/rohit-krish/Deeplex) A PyTorch inspired, basic Deep Learning Framework; built on top of an Reverse-Mode AutoGrad Engine. [Human Background Segmentation](https://github.com/rohit-krish/Background-Segmentation) Segmenting peoples from its background, which can be used for background replacement service for video streaming applications. [Movie Recommendation System](https://github.com/rohit-krish/Content-Based-Movie-Recommendation-System) A content based movie recommendation system, Used cosine similarity to find similar items. [GridGuid - Sudoku Detector & Solver](https://github.com/rohit-krish/GridGuide) An Android application in which users can scan any Sudoku board to automatically capture the board configurations and lets users play intuitively. OTHER WORKS[Image Processing Algorithms](https://github.com/rohit-krish/CVFS) Implemented computer vision (image processing) related algorithms in just pure Python code without using any library (from scratch). [Convolutional Neural Network (CNN) Architectures](https://github.com/rohit-krish/Coding-CNN-Architectures) Implemented some of the famous CNN Model Architectures using PyTorch in Python. [Machine Learning Algorithms](https://github.com/rohit-krish/MLAlgosFromScratch) Implemented most of the Machine Learning Algorithms in Python using just the Numpy Library. | SKILLS  * - Machine Learning * - Deep Learning * - Generative Adversarial Network * - Computer Vision * - Natural Language Processing * - Mobile/Web Development   - Web Scraping  - Python  - C/C++  - JavaScript  - Flutter, Dart  - SQL (MySQL, SQLite)  - Bash  - Write Technical Articles LIBRARIES - TensorFlow, PyTorch, Keras  - Scikit-Learn  - Pandas, Numpy, Matplotlib  - OpenCV, Scikit-Image  - Flask, etc.. OTHER SOFTWARES/TOOLS - AWS (EC2, S3)  - Version Control (Git, Github)  - RegEx, XPath |