

KOHAN ALEXANDRU, SOFTWARE ENGINEERING

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- Creating the Flask backend
- Integrating the trained traffic sign detection model into the Flask backend
- Deployment of the Backend on the Render website
- Deployment of the Frontend on the Netlify website

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- Continuous advancements in the machine learning algorithm
- Exploring opportunities to combine information from various sources, such as video, radar, and other sensors
- Collaborating with transportation authorities or government agencies presents opportunities to access valuable datasets

SWOT

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- My laptop couldn't handle that many epochs and its graphics card is integrated so it isn't that powerful to run the training.
- The dependencies were missing even after I installed them with pip install
- The backend was working on the IDE but its build was not working from the first time when it was deployed

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- Collecting real-world traffic data may raise privacy concerns
- Hardware limitations
- Ethical Implications in case of accidents, adherence to local regulations
- Variations in lighting conditions