

AgriConnect: A Tech-driven Approach from Farm to Market

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Abstract: *Transportation of farm products remains a major concern for farmers in rural areas, as they deal with problems like delayed deliveries, post-harvest loss and financial stress due to the lack of coordinated logistics. **AgriConnect** is a Java-based digital platform dedicated specifically on connecting farmers and truck drivers in real time to facilitate smooth transportation of crops from farm to marketplace. By offering crop registration, creation of transport request, delivery tracking and admin monitoring, AgriConnect eliminates dependency on middlemen and improves the transparency and efficiency in agricultural logistics. The platform enables farmers to deliver their farm products to market on time while optimizing transport utility for truck drivers. This report gives the detailed design, development and working of the AgriConnect platform, highlighting how it overcomes one of the most critical bottlenecks in the farm-to-market supply chain*

Keywords: AgriConnect, Java, Agricultural Logistics, Farmer-Driver Coordination, Rural Supply Chain, Real- Time Transport System, Crop Delivery Management

