



What are we doing?

Building Self Driving Cars that –

- ✓ Can achieve Level 5 autonomy in world's toughest traffic like India's with ZERO human supervision needed.
- ✓ Are extremely affordable, MADE IN INDIA
- ✓ Are superiorly energy efficient EVs.
- ✓ Are powered by real-time nature-inspired Al that is less dependent on previous data and expensive sensor suite.





Why do we need this technology?



Costs

Majority of Self Driving Cars present in the market comes with a price that makes it exclusive to a certain class in the society. We aim to democratize its use by reducing the price up to 5x.



Labour Optimisation

Huge chunk of total costs of logistics & delivery companies go towards human resources, which can be optimised by driverless vehicles.



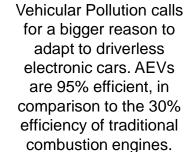
Accessibility & growth

AV technology is sector agnostic and can be put to use towards other sectors like Defence, Robotics, Drones & Aviation, Bionics, etc.

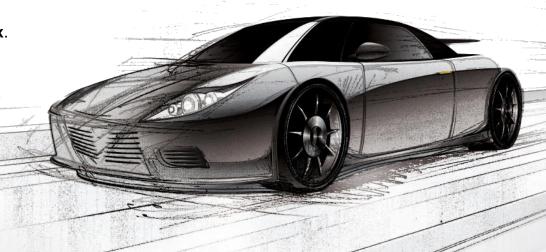


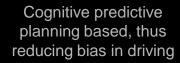
Accidents

The NHTSA* has estimated the economic costs from accidents amounted to almost \$250 Bn per year and ~94% of road crashes happen due to human error.



Pollution







Zero dependency on expensive sensors like LiDARS even at night



State of art control

Algorithms use 10x lesser GFLOPS per frame achieving over 60 fps on on-vehicle edge hardware for detection and segmentation





architecture that can achieve Level 5 autonomy in trickiest traffic ensuring smooth UX for the rider

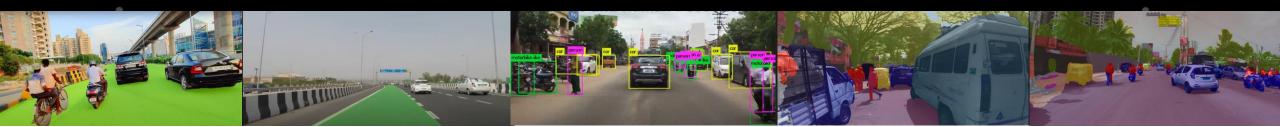


Does not depend on lane markings for road detection, ensuring robustness on roads having bad conditions.



Powered by proprietary nature-inspired vision AI which depends lesser on previous data enabling standalone solutions.







1st in India working on full autonomy in EVs

L5 Self Driving Car

- ✓ Rider centric endto-end EVs for end consumers capable of fully autonomy on all Indian roads.
- ✓ Affordable at 5x lesser price than other AEVs in industry.
- ✓ Estimated Cost –15k-25k USD
- ✓ Commercial release in late 2023



✓ Fully autonomous logistic trucks tailor-suited for long distance transportation during nights.

✓ Commercial Release by 2025

Robo Taxi

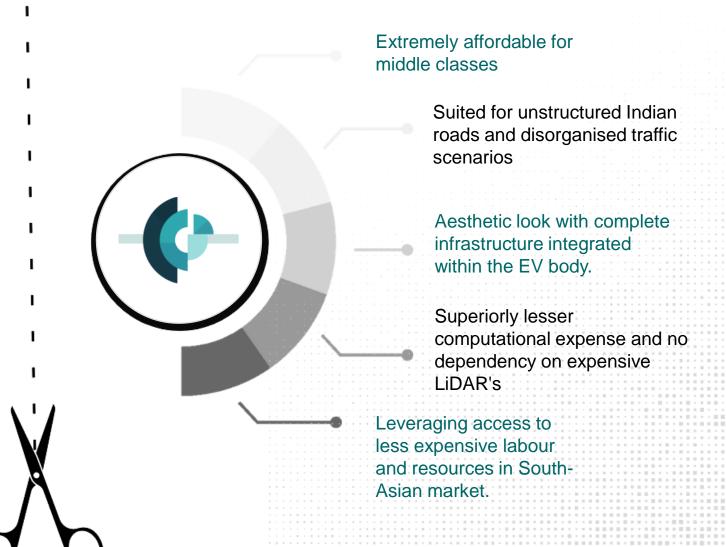
- ✓ Fleet of fully autonomous EVs for cab hailing industry customized for individual cities, reducing costs incurred on HR.
- Modelled B2B for building consumer trust in autonomy tech.
- ✓ Commercial release in mid 2023

Logistic Trucks



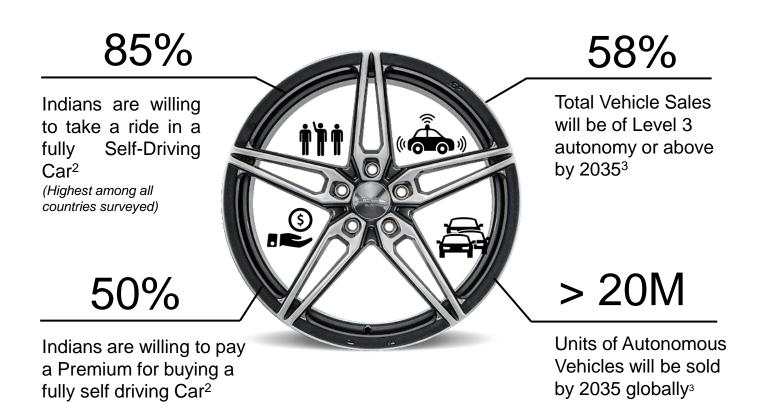




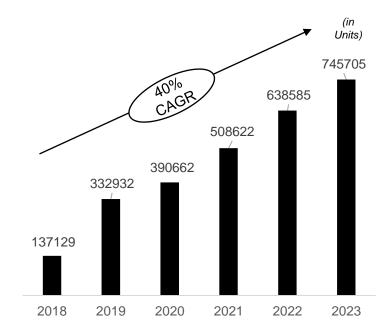




Self-Driving Cars will have a global market size of \$60Bn by 2030



Autonomous Vehicles Sales is projected to grow at 40% CAGR⁴







NHTSA has released global set of laws for Autonomous Vehicles for Safety

Amazon acquired Zoox for ~\$1.3Bn (2020)

Canada has autonomous vehicle regulations set at all three levels of government

UK government believes these cars can make transport safer, easier and more accessible

Sweden's govt. has launched Drive Sweden focusing on new mobility models

China has released road safety laws that cover driverless vehicles nationwide.

Dubai has stated its ambition to have 25% of all trips driverless by 2030

The National Transport Commission has introduced Autonomous Vehicle Program highlighting major regulations and planned approach

More than **\$80 Bn*** has already been invested into Autonomous Technology & allied sectors.



Timeline

Beta testing of end-to-end AEV on unsupervised public roads.

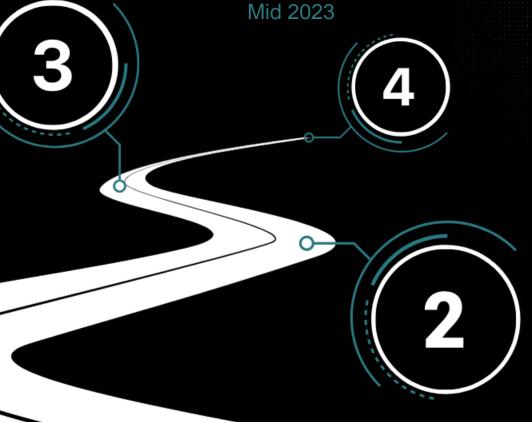
June 2022

Software Testing

Dec 2020 to Mar 2021



Commercial Launch

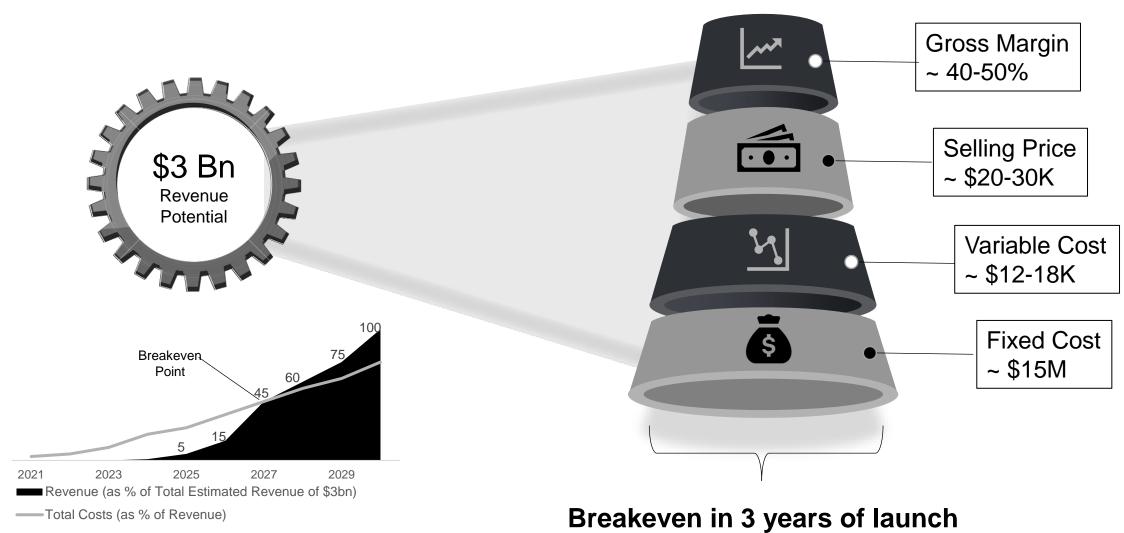


On-road demo with system integrated in third party vehicle Patent filing of our proprietary AI software on successful launch of our prototype

September 2021



Potential of \$3 Bn by 2030



(* Estimated Figures)



Minus Zero



Industrial Impacts

Societal Impacts

Defense

Customized Autonomous Vehicles can be used for specialized defense and rescue missions requiring unmanned vehicles

Delivery

Driverless delivery can become a disruptive global industry leading to savings of billions of dollars in delivery fee

Drones & Bionics

Our Proprietary autonomy technology can revolutionize drones and bionic industry by improving technological efficiency and computational costs

Environmental Gain

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Autonomous Electric Vehicles (AEVs) not only saves fuel and reduce emission of greenhouse gases but also contribute towards sustainable energy

Rider Centric Travel

Convenience is the most important advantage of AEVs that makes travel more rider centric instead of driver centric where pressure on driver is the major part of travel

More Productivity

Wide spread deployment of AEVs could allow drivers to recapture time and increase productivity by improving convenience.







Gagandeep Reehal

Co-Founder, CEO & CTO

Al Researcher working on Cognitive Al and Autonomous Robotics.

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Guest speaker at, mentored & judged 65+ developer events in elite colleges all across world.

Author of 3 books at age of 20

Gursimran Kalra

Co-Founder, COO

SRCC'21, Ex-Investment Banker, Ex-BSE

Experienced professional in Finance, Operations and Resource Management.

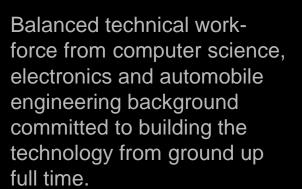
Pawan K. Chandana

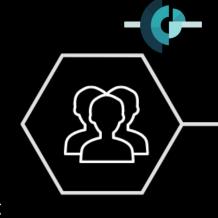
Advisor

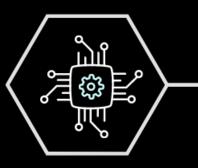
Co-founder & CEO, Skyroot Aerospace (First Indian private co. building rockets.) Ex-ISRO Scientist Forbes 30 under 30

Team

Team of 25 young and dynamic minds from engineering and management domains and still expanding from all across country including various IITs, NITs, TIET, SRCC, etc.













Completely MADE IN INDIA with first mover advantage.

√ \$3 Bn revenue potential by 2030 being 5x less expensive.

✓ Level 5 autonomy in world's toughest traffic environment like India's.

✓ Highly sector-agnostic technology expandable to many other industries



The Future needs you



Get in touch



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