

7 years of experience in Robot Delivery, Last mile Delivery, Autonomous Vehicle, Perception, HD maps, 2D maps, GIS, Navigation, team management and project management. Successfully delivered end to end HD maps of 3 cities and 2D navigation maps of 40+ cities.

Work History

2019-11 - **Product Operations Manager**

Current

Hyperspec.ai, Hyderabad, TS
Autonomous vehicles are unable to scale due to operationally inefficient HD maps. Waymo, Zoox, Cruise, Argo AI stand at risk of being disrupted by companies like Tesla that leverage real-time scene construction as mentioned by a recent article in Seeking Alpha.

Today we are using Google Maps and Apple Maps to get around everywhere we go. However, now imagine you can only use them in Mountain View, Phoenix, and San Francisco.

This is what Autonomous Vehicles are dealing with today. They rely on a hard connection to a high-definition master map to know where they are and where to go.

Hyperspec AI removes that dependency by leveling up each vehicle with a real-time vision pipeline that localizes and navigates without reliance on a hard tether to the HD map.

We untether from the HD maps using our hyper-accurate positioning algorithm which only drifts 10 centimeters per min. We then correct this drift using standard definition aerial imagery which is widely available. We are building the technology required to expand the territory accessible to autonomous vehicles from 3% to 95% of our roadways while reducing today's cost of \$5000/km by more than 90%. Our technology is a kingmaker for self-driving companies because we help our customers out-scale their competition with positive unit economics.

2019-01 - **Project Manager**

2019-09
Civil Maps, Hyderabad, TS

Saket Sonekar
Autonomous Vehicle

Contact Details

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Technical skills

- GIS and navigations
- HD maps and last mile Robo delivery
- 2D maps
- Lidars

Other Skills

Team leadership
Operations management
Project management
Operational and process improvement

- Civil maps is San Francisco based company that provides a solution for autonomous vehicles with cognition, enabling them to crowdsource 3D maps and make better decisions for safe driving.
- I was hired first for India mapping Operations. I have handled entire mapping operations right from hiring to training, starting operations, and deliver the project on time.
- Have worked on 2 different projects one is HD maps which are completely for self-driving vehicle maps and the other one is last-mile Robo door delivery of goods.
- Have worked on San Francisco for Ride OS, Berlin city for Daimler, LA for doordash, and Taipei for Taiwan Govt. We have worked on lidars data and achieved 15 to 20 cm of relative accuracy.
- Have worked with the development team and created QC tools for all 8 processes.
- The team has worked on Right from loop closure, Vector data creation, navigation steps to final checks, and delivering to the client.
- Developed process improvement initiatives and analyzed problems to create corrective action strategies.

2016-06 -
2018-12

Team Lead

Accenture Solutions , Hyderabad, TS

- Mapping operations started in 2016 with the goal of creating a base map with routing and navigation services for ride-hailing app and driverless vehicles.
- Handled a team of 50 employees working for final quality checks, city delivery and post maps delivery services.
- Have knowledge of all navigation and routing services.
- Launched more than 40+ cities display maps, routing, and Navigation.
- Closely worked with the clients to provide immediate solutions of delivered maps.
- Have created and stabilized 5 manual processes

Language Known

- English
- Hindi
- Marathi
- Currently learning Russian

for final quality checks.

- Provided daily, weekly, and city-wise feedback and solutions to all the production teams.

2015-02 -
2016-06

Team Lead

Ceinsys Tech Ltd, Nagpur, MH

- Managed a Team of 50+ Employees who worked in Mapping and GIS projects for End to end mapping and city delivery.
- Worked on 3 different projects cadastral mapping and POI.
- Minimized resource and time losses by addressing employee or production issues directly and implementing timely solutions.
- Worked for India mapping operations for Point of interest, Base Map Creation, and Different types of Attributes.
- Worked with team members to improve performance and implement training updates.

Education

2016-02 -
2016-03

Certification in GIS And Remote Sensing

*National Remote Sensing Center, A Division Of ISRO -
Hyderabad*

2010-08 -
2014-05

Bachelor of Engineering: Mechanical

Nagpur University - Nagpur, M.H., India

Additional Information

- Awarded as top executive in finding out bugs and tool development suggestions while working for Civil Maps
- Awarded as 3 times best Lead, 1 Client nomination and star business award 2018 while working for Uber Maps
- Awarded as technical employee of the year award in Ceinsys Tech Ltd.

- Successfully Launched maps of 40+Cities

Personal Information

Date of Birth: 28 May 1989

Marital status: unmarried