Curriculum vitae Shital Sonawane

Mob- +919960600334

shital441sonawane@gmail.com

[www.linkedin.com/in/shitals20](#_top)

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| Professional Summary\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   * Work on main Hardware, Telematics, IOT, BLE Products in shared mobility - automotive sector * Responsible for Hardware Product Development, coordinating with all stakeholders and optimizing KPIS * Debug/work in any Connectivity modules like Wi-Fi/Bluetooth/NFC * Coordinate with customers, collect the requirements and develop the product from scratch compatible   to integrate with all the accessories in vehicle. Translate customer needs to product functionalities   * Responsible for product engineering, create prototype model for solution based on understanding of   customer requirements, understand the product and implement tools and processes to optimize product  engineering throughput and quality   * Work Electric vehicles, BMS EV batteries, Perform Vehicle Engineering * Coordinate with Vehicle OEMs in designing vehicles/device harnesses with good understanding of vehicle   engineering   * Implements usage tracking and analyse patterns to validate new feature requirement. * Develop a customer-focused product roadmap, build alignment and influence cross-functional   stakeholders across product and other partnering teams (Operations, Engineering, Customer Support,  Fleet Platform)   * Responsible for Telematics Products and drive strategic Product decisions, Product Integration support * Work closely with the cross-functional leadership team, Ground team with staff * Consistently observe the market to forward the business model and identify new key partners and accounts * Work with IOT, R&D team and IOT solution providers to debug issues, develop features, run pilot projects. * Provide training on installation of telematics product on field- EV’s, ICE vehicles, Trucks, Four wheelers * Monitor and operate production assembly in factories while developing products. * Perform final testing of products on bench using developing kit and on route after installing product in vehicle   Work History\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Bounce**  **Product Operations Manager [Product Engineering]** Feb 2020- Till date  **Accomplishments:**  Delivered enterprise scale products/projects in a global matrix corporate environment  (i.e. work with remote teams, communicates at all levels, promotes the culture of customer obsession and  operational excellence)  Worked with [IOT service providers]: Inverse, Carnot, Pheonix. Manufacturing Factories: SFO[India]  **Mobilogix IOT Solutions**  **General Manager Product & Presales**  April 2019 – Jan 2020  **Accomplishments:**  Implemented more than 200 small/big projects i.e. IOT/BLE Sensors, Vehicle Tracking, Asset management,  Asset Safety, with 80% leading to direct sales. Conducted demos for potential clients  Manufacturing Factories: Suga [China], SFO[India]  TREEL Mobility Solutions Pvt. Ltd.  Product Consultant & Telematics Integration Engineer July-2018 to Apr-2019  **Accomplishments:**  Managed more than 30 Fleet Technical Account in parallel of big Car sharing/Ride sharing, Carpooling  Fleet clients. Integrated TPMS solution in all the Truck tyres manufactured by JK tyres  Pointer Telocation India Pvt. Ltd.  Technical Solution Engineer & Presales Dec-14 to May-18  **Accomplishments:**  Implementation, Integration and installation of customized IOT solutions with Tracking solution, security system,  BLE solution  Organisations worked with:  OLA, ZOOMcar, YULU, VOGO, Bounce |

Technical Skills\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Installation of telematics products in IC Engine vehicles, Electric vehicles, Trucks, Buses
* EV Testing and validation, Asset tracking, IOT product testing/integration on server site
* Product Engineering, BLE Sensors installation, Integration, testing
* CAN Bus protocols testing though OBD- ISO 15765, J1939
* Vehicle CAN bus data validation, Vehicle Engineering, Troubleshooting, diagnostics of vehicle parameters
* Telecom Management, Asset Management, Driver behavior/safety protocol integration
* Telematics data parsing at backend, on platforms
* Third party telematics products integration with hardware and on tracking platforms

Education Details\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2014** B.E: Electronics and Telecommunication

D. Y. Patil College of Engineering- Pune

**2011** Diploma: Electronics and Telecommunication

Govt. Polytechnic

Project Details\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**1] IOT solutions in E-scooter, ICE vehicles [vehicle automation]**

Functionalities worked Implemented, Build the product:

A] Immobilize the vehicle using relays B] Seat locking using actuator c] Ignition On/Off using Bluetooth

(Keyless vehicle)

D] UAM (Unauthorized Movement detection) using accelerometer sensors in vehicle Idle state

E] Geo-fencing F] BULK API for Tracking parameters

G] Pulse counter - Distance travelled

H] Helmet detection

I] Wheel Lock- Applicable to E-Scooter

**2] Bluetooth low energy smart sensors-TPMS [JK Tyre]**

A] An intelligent TPMS (Tyre Protection & Management Solution) that makes it conveniently easy to monitor tyre

pressure, temperature and more, while ensuring overall personal safety and a longer vehicle life

B] Prevents Tyre related break downs

**3] Cold chain Monitoring Systems-Heavy vehicles-TECH Mahindra**

IOT/BLE-Light, Humidity, Pressure, Impact, Temperature sensors are integrated with asset tracking devices-

Food Transport vehicles

**4]** HID, RFID, Proximity cards Integration with telematics product

Solution: Helmet Safety, School bus [Attendance mark]

**5] CAN protocol integration in OLA, Zoom car, Transport field services**

OBD trackers- Protocol supportable- ISO 15765[Four-wheel], J1939[Commercial vehicle]