Curriculum vitae Shital Sonawane

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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 clientsManufacturing 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 tyresPointer 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]