

BRAJ SHARMA

PRODUCT MANAGER | ADAS DATA PLATFORMS | AI/ML & AUTONOMOUS MOBILITY

Pune, India | Open to relocation across Europe | braj.sharmaaa@outlook.com | brajsharma.in

PROFESSIONAL SUMMARY

Product and data operations leader with 8+ years driving ADAS perception, AI/ML data pipelines, and enterprise platform delivery. At Volkswagen Group Digital Solutions / CARIAD, owns the end-to-end data operations roadmap across Speed Limits, Traffic Signs, Blockage, 3D Dynamic Objects, and Vulnerable Road Users -- scaling production to 9 million labelled frames in six months at ~99% quality. Experienced across annotation platform governance (Labelbox, Scale AI, Encord), cross-functional stakeholder management, vendor SLA governance, and OKR-linked product delivery.

SELECTED IMPACT AT A GLANCE

9M frames	Delivered in six months across European ADAS datasets at ~99% label quality, across 5+ perception modules.
Zero bottlenecks	Transformed scattered, ad-hoc label requests into structured, geo-segmented data campaigns targeting country clusters across DE, NL, PL, FR, DK, FI, GB, LU, LV and beyond.
Autolabeling	Architected, configured, and calibrated auto-labelers, cutting manual annotation load and accelerating throughput across 3D and 2D modules.
3D Viewer	Leading development of a production 3D annotation viewer -- Q4 2026 launch -- enabling in-house QA of dynamic objects and VRU labelling at scale.
99.97% uptime	Achieved through structured multi-cloud supplier governance (AWS, Azure, GCP) at Vodafone, alongside 25% cost optimisation.
35% faster	Deployment velocity uplift at Vodafone via standardised rollout blueprints and readiness assessments; 40% reduction in customer-reported incidents.

CORE COMPETENCIES

ADAS Perception Data | 3D Annotation & Autolabeling | AI/ML Data Pipelines | Ontology Design | Label Strategy | Data Flywheel | Vendor Governance | Product Strategy & Roadmaps | OKR / KPI Frameworks | Agile Delivery | Labelbox / Scale AI / Encord | Jira / Azure DevOps / Confluence | SQL / Power BI / Tableau | AWS / Azure / GCP

PROFESSIONAL EXPERIENCE

Product Manager -- ADAS Data & Label Operations | Volkswagen Group Digital Solutions (VWGDS) | CARIAD Programme

Pune, India / Germany stakeholders | ADAS perception data, 3D annotation & label strategy

- Own the delivery roadmap and operating model for ADAS training and validation data across Speed Limits, Traffic Signs, Blockage, 3D Dynamic Objects, and Vulnerable Road Users -- coordinating CARIAD feature teams, engineering, labelling suppliers, revision teams, and quality stakeholders.
- Scaled Speed Limits data production to 9 million labelled frames in six months across European road datasets, sustaining ~99% label quality and meeting all committed programme milestones.
- Lead label strategy across 3D annotation programmes, defining ontology design, annotation guidelines, acceptance criteria, and quality frameworks for dynamic object and VRU modules.
- Architected, configured, and calibrated autolabeling pipelines across multiple ADAS perception modules, significantly reducing manual annotation burden and accelerating throughput on high-volume campaigns.
- Driving development of a production-grade 3D annotation viewer -- scheduled for Q4 2026 release -- enabling in-house visualisation and QA of 3D dynamic object and VRU labelling at scale.
- Designing and implementing a closed-loop, end-to-end data flywheel connecting annotation, defect triage, model feedback, and simulation scenario generation -- reducing iteration time between labelling and model training.
- Eliminated annotation bottlenecks by transforming scattered, ad-hoc label requests into structured, geo-segmented data campaigns -- organised by country clusters (DE, NL, PL, FR, DK, FI, GB, LU, LV).
- Translated complex feature-team requirements into data requests, campaign configurations, annotation guidelines, and acceptance criteria across 2D and 3D perception modules.
- Implemented and validated configuration changes for prohibited and danger-sign properties, coordinating cross-functional testing and controlled rollout across labelling and revision workflows.
- Deliver executive-level reporting on throughput, quality, risks, dependencies, and cost drivers -- enabling data-backed prioritisation and milestone planning across CARIAD leadership.
- Collaborate with development and strategy teams on turnaround-time improvement initiatives, workflow automation, and AI-assisted data operations for future ADAS programmes.

Senior Product Manager -- Enterprise Platforms & Transformation | Vodafone Group (VOIS)

2023 - 2026

Pune, India / Global (EMEA & APAC) | Enterprise cloud platforms, service transition, multi-cloud governance

- Owned product and transition roadmaps for enterprise cloud-enabled platforms, aligning engineering, operations, commercial, and customer-success stakeholders across EMEA and APAC.
- Directed end-to-end service transition for the Vodafone-Three UK merger across 5+ enterprise processes, achieving <0.5% service disruption and stable post-transition performance.
- Governed AWS, Azure, and GCP suppliers through SLAs, quarterly business reviews, and performance scorecards -- delivering 99.97% platform uptime and 25% cost reduction.
- Standardised rollout blueprints and readiness assessments, improving deployment velocity by 35% and reducing customer-reported incidents by 40%.

- Introduced OKR-linked dashboards and dependency tracking tools, improving roadmap predictability by 30% and stakeholder satisfaction scores by 25%.
- Conducted discovery and requirements workshops, converting enterprise adoption challenges into prioritised roadmap initiatives with measurable success criteria.
- Partnered with Sales and Solutions teams on enterprise product demonstrations and enablement assets, contributing to a 22% improvement in conversion outcomes.

Product Manager -- Service Transition & Delivery Enablement | Wipro Technologies (Client: ABB Americas) 2023

Pune, India | Industrial automation, global delivery programmes

- Managed end-to-end transition and delivery enablement across 10+ industrial automation programmes, partnering with global business and technology stakeholders.
- Collaborated with engineering, data, and service-design teams to deliver dashboards, rollout playbooks, and acceptance criteria -- reducing go-live errors by 60% and onboarding time by 30%.
- Established OKRs and operational KPIs covering onboarding velocity, feature adoption, SLA performance, and customer experience; achieved 99.7% SLA adherence across all programmes.
- Improved handoff quality and reduced post-transition escalations by 20% through structured communication protocols, retrospectives, and root-cause analysis reviews.
- Presented roadmap, supplier, and performance updates to senior stakeholders, supporting evidence-based prioritisation and delivery decisions.

EARLIER EXPERIENCE

Transition Lead -- Cloud & Network Operations | Tech Mahindra (Client: Vodafone ANZ) 2019 - 2020

- Managed operational transition for 500,000+ subscribers following a major network upgrade -- zero downtime, zero SLA breach.
- Coordinated engineering and delivery teams to resolve critical escalations, achieving 98% first-time resolution rate.

Operations Manager -- Product Enablement & Analytics | Encolumns (AdTech) 2017 - 2019

- Led data-driven operations supporting product releases and campaign execution, driving a 20% improvement in user retention and reducing operational overhead by 35%.

Associate -- Product Operations & Customer Success | Aloha Technologies 2020 - 2021

- Managed renewals operations and redesigned service workflows, improving customer experience and delivery quality across Agile delivery cycles.

EDUCATION & CREDENTIALS

- Executive Programme in Product Management -- Hero Vired / INSEAD | 2023-2024
- B.Tech, Mechanical Engineering -- Rajiv Gandhi Proudhyogiki Vishwavidyalaya (RGPV), Bhopal | 2017
- Certified Usability Analyst (CUA) -- Human Factors International

LANGUAGES

English -- Professional | Hindi -- Native | German -- Basic (actively developing)