

DOWHITH ANSARI S

Technical Author - Vehicle Diagnostics & Wiring Manual

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dowhithansari

Dowhith18

WORK EXPERIENCE

WSM Technical Author

Katrapin Technologies Pvt Ltd

Aug 2024 – Present

Sholinganallur

Client: Ford GTBC, Chennai

- Author and revise Wiring Diagrams (WD), Service Literature (WSM), and Diagnostic Procedures (PC/ED) for Ford global platforms.
- Ensure content complies with Ford Global Authoring Guidelines and ODYSSEY/World Server standards.
- Transform engineering inputs (CAD, 3D models, design specs) into service-ready content.
- Tools used: X-Metal, Arbortext Editor 7.1, Adobe Illustrator, Teamcenter, Windchill.
- Collaborate with PMTs, DNRs, and Service Engineering teams for validation and updates.
- Deliver OM, WD, SLTS, and PC/ED content with over 95% accuracy.
- Conduct RAP case reviews and manage post-launch documentation support.
- Participate in system upgrades, QA initiatives, and cross-training for process compliance.

Technical Author

24x7 HI RES Services Pvt Ltd

Sep 2022 – Jul 2024

Maraimalai Nagar

Client: Mahindra Research Valley

- Developed Wiring and Diagnostic Manuals per SOPs, enhancing clarity and usability.
- Translated 3D CAD and tech presentations into accurate manual updates.
- Proficient in Arbortext Editor 7.1 and Styler for technical content creation and publishing.
- Managed data using PTC Windchill and Teamcenter 11.
- Provided feedback on mRTS application improvements.
- Authored repair SOPs with illustrations using Adobe Illustrator.
- Used EPC system for component insights, improving documentation accuracy.

Testing Engineer

Avalon Technologies Ltd

Oct 2020 – Sep 2022

Chennai

- Verified and documented test results for quality and compliance.
- Diagnosed test failures and implemented corrective actions.
- Worked on Flat ribbon, RF, Potting, and Electro-mechanical harness assemblies.
- Performed Continuity, Hi-Pot, RF Testing per IPC 620 and MIL SPEC standards.

PROJECT

Development of a Wireless Charging System

- Achieved 85% power transfer efficiency in prototype at variable coil separations.

TECHNICAL TOOLS

- Adobe Illustrator
- Arbortext Editor & Styler 7.1 V
- X-Metal, ODYSSEY, PTS
- Electronic Parts Catalogue (EPC) Systems
- PTC Windchill, Teamcenter 14.3
- NX 2306, Catia Composer
- Guided Diagnostics CMS
- Mentor Capital Harness (CHS) v2018.1

TECHNICAL SKILLS

- Technical Documentation
- CAD Analysis
- Quality Assurance
- Diagnostic Procedures
- HTML/CSS
- JavaScript

EDUCATION

B.CA in Data Science

S.R.M. Institute of Science and Technology

Expected 2026

Kattankulathur Campus

First Year CGPA: 8.5

Diploma in Electrical and Electronics Engineering (EEE)

AL-Ameen Polytechnic College

2017 – 2020

Erode

Overall Percentage: 85%

LANGUAGES

Tamil (Native)

English (Fluent)

Hindi (Conversational)