

# Parth Dhanani

Learning Engineer & SCORM Team Lead

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## PROFESSIONAL SUMMARY

Learning Engineer and instructional designer with 11 years in e-learning. Currently leads the SCORM team at Kidvento: 8 people, 100+ K-12 modules shipped, full pipeline from needs analysis and storyboarding through Storyline builds, SCORM 1.2 packaging, and LMS deployment. On the engineering side: post-publish automation cut packaging from 4 hours to 10 minutes, an adaptive video packager reads bandwidth and adjusts quality at launch, and four open-source tools (scorm-kit, xapi-doctor, storycraft, sb-translation-tool) run in production. Background in computer animation (BA, Dr. Babasaheb Ambedkar University) — the visual design instinct behind the Storyline interaction work.

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## TECHNICAL SKILLS

<b>Instructional Design</b>	ADDIE, Action Mapping, Needs Analysis, Branching Scenario Design, Blended Learning, Storyboarding, Gamification
<b>Authoring</b>	Articulate Storyline 360, Rise 360
<b>Standards</b>	SCORM 1.2, xAPI (Tin Can API), WCAG 2.1 / 2.2, Accessibility
<b>LMS</b>	Moodle (self-hosted), proprietary LMS platforms
<b>Design &amp; Media</b>	Adobe Illustrator, Photoshop, Figma, PowerPoint
<b>AI Production</b>	HeyGen (video globalization), ElevenLabs (audio narration), Suno (music), NotebookLM (research)
<b>Development</b>	JavaScript (SCORM API, xAPI, custom tools), HTML/CSS, FFmpeg, Node.js, shell, Git
<b>Currently studying</b>	cmi5 AU launch sequence (spec read, building towards production implementation)

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## PROFESSIONAL EXPERIENCE

### Learning Engineer & SCORM Team Lead · Kidvento (Ullipsu), Mysore, India Jan 2025 - Present

- Led a team of 8 (4 developers, 4 interns) with full project management responsibility: sprint planning, workload allocation, and stakeholder sign-off on every module. Shipped 100+ SCORM 1.2 packages for K-12.
- Built scripts to automate the full post-publish pipeline: SCORM scoring, LMS report injection, completion status flagging, and ZIP delivery. What took 4 hours of manual steps now takes 10 minutes.
- Diagnosed a recurring mid-interaction freeze, traced it to duplicate SCORM API calls on interaction completion, and fixed it in the pipeline.
- Builds Storyline 360 modules from storyboard: branching scenarios, knowledge checks, and activity sequences.
- Used HeyGen and ElevenLabs to produce multilingual video in Hindi and French without re-recording.
- QA on every package before it ships: LMS tracking verification, accessibility checks (WCAG 2.1/2.2), and ongoing coaching on packaging standards.
- Built a Flask web app to transfer quiz question text from PPTX storyboards into Storyline .story files and Word translation docs; eliminated manual copy-paste across localization rounds.

### Instructional Designer & eLearning Development Lead · Learning Owl, Dombivli, India Jan 2023 - Dec 2024

- Led instructional design on client projects: ran needs analysis with SMEs, wrote storyboards for compliance, POSH, LGBTQIA inclusion, induction, and soft-skills courses.
- Took one compliance course from SME brief to LMS deployment using the ADDIE model: needs analysis, storyboard, Storyline build, SCORM packaging.
- Designed and developed one blended learning project from scratch: visual template system, interaction design, full Storyline build.
- Replaced manual asset handoff with an Illustrator-to-Storyline workflow; cut visual revision rounds from three to one.
- Applied Cathy Moore's Action Mapping on compliance work. Cut the content that wasn't changing behavior.

- Managed multilingual localization into Hindi, Tamil, Kannada, Punjabi, Gujarati, and Telugu.

### **eLearning Developer & Content Designer** · Learning Lozix, Dombivli, India **Jan 2019 - Dec 2022**

- Built 300+ quizzes, simulations, and K-12 activities in Storyline 360 for the Balbharati curriculum (Maharashtra state K-12 standard), with WCAG 2.1 accessibility checks on every module.
- Designed corporate training modules with branching scenarios and gamification (badges, leaderboards), tracked through SCORM.
- Produced training videos and packaged everything as SCORM 1.2 for LMS deployment. Coordinated multilingual localization across 6 regional languages.

### **Localization Integrator (Contract)** · Lionbridge, Airoli, India **Jan 2018 - Dec 2018**

- Localized e-learning courses for global enterprise clients. Adapted content for Indian and Southeast Asian markets: cultural adaptation, audio sync, and script rendering per language.
- Re-synced narration and animations where translated scripts ran longer than the English source; wrote regex scripts to fix XML formatting errors coming back from translators.

## **PROJECTS**

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### **scorm-kit** · [github.com/parthdhanani/scorm-kit](https://github.com/parthdhanani/scorm-kit)

Open-source SCORM 1.2 / cmi5 / xAPI build pipeline, 8 subcommands: lint, a11y, diff, mock, rum, privacy, i18n, cmi5. Catches the silent failure modes Storyline's publish step misses: duplicate interaction IDs, manifest namespace drift, broken asset refs, WCAG 2.2 AA violations. CI-ready exit codes, zero runtime dependencies, 27/27 tests.

### **xapi-doctor** · [github.com/parthdhanani/xapi-doctor](https://github.com/parthdhanani/xapi-doctor)

25-rule xAPI 1.0.3 statement linter and cmi5 profile validator. Pings LRS endpoints, tests live statement pipelines, and translates spec violations into plain English. 17/17 tests, zero runtime dependencies.

### **Storycraft** · [github.com/parthdhanani/storycraft](https://github.com/parthdhanani/storycraft)

Open-source Node CLI: structured Markdown storyboard in, deterministic SCORM 1.2 zip out. Same input produces byte-identical output every run. Linear, branching, and knowledge-check slides; SCORM 1.2 RTE compliant; optional xAPI emit; WCAG 2.2 AA runtime. Live web playground on the portfolio. 11/11 tests, zero runtime dependencies.

### **SB Translation Tool** · [github.com/parthdhanani/sb-translation-tool](https://github.com/parthdhanani/sb-translation-tool)

Flask web app that reads quiz questions from a PPTX storyboard and writes them into Storyline .story files or Word translation docs. Parses Storyline's custom XML schema directly (MCQ, MRQ, TF, drag-and-drop), updating stem and option text in-place while preserving all formatting and correct/incorrect flags. Streams ZIP entries to keep memory use flat on large files. Built for the Kidvento pipeline to remove manual copy-paste across quiz localization rounds.

### **Adaptive Video SCORM Packager**

Transcodes every video in a SCORM package to 320p/480p/720p and injects a bandwidth detection script that picks the right tier at course launch. Built for K-12 school networks where compression alone wasn't enough. Works with any SCORM 1.2-compliant LMS, no configuration required.

### **Storyline Portfolio Showcase Tool**

A Storyline 360 file that works as a clickable portfolio: viewers browse project screenshots and generate a watermarked PDF of what they reviewed. All data stays within the file; no server, no LMS, no external calls.

### **Cloud-Hosted eLearning Test Environment**

Self-hosted Moodle on an Oracle Cloud Free Tier Ubuntu VPS, kept separate from production for debugging. TRAX LRS on the same server for xAPI statement testing.

## **EDUCATION**

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### **Bachelor of Computer Animation** · Dr. Babasaheb Ambedkar University, Ahmedabad

**May 2015**