

DEEPA MARIAM M

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SUMMARY

Curriculum and instructional designer with 2+ years of experience designing structured, learner-centered instructional content and digital learning materials. Strong background in translating complex subject into clear, engaging learning experiences through collaboration with subject-matter experts. Experienced in instructional documentation, assessment-aligned content development, accessibility-aware design, and educational technology workflows. Currently expanding expertise in product-oriented learning design, AI-supported content development, and client-based educational product work at Harvard Graduate School of Education.

ACADEMIC & PROFESSIONAL EXPERIENCE

Harvard Graduate School of Education

Cambridge, United States

Educational Product Practicum – Learning Design Consultant (In Progress)

01/2026

- Serving as a design consultant on a client-based educational product challenge focused on defining expertise for learning with generative AI.
- Translating research on learning science, cognition, and AI use into actionable learning design frameworks.
- Evaluating existing questioning and learning frameworks for applicability to AI-supported learning contexts.
- Collaborating in a small, cross-functional team to produce research-informed design proposals, construct maps, and minimal viable prototypes (MVPs).
- Developing prototype learning activities for K–12 and higher education contexts aligned with digital literacy and learning science.
- Leveraging generative AI tools transparently to accelerate research synthesis, content drafting, and early-stage prototyping.
- Deliverables: research summaries, implementation considerations, and impact recommendations.

Harvard Graduate School of Education

Cambridge, United States

Learning Design & Curriculum Projects

09/2025 - 12/2025

- Designed research-informed learning experiences grounded in learning science and user needs analysis.
- Designed bilingual literacy tasks, vocabulary supports, read-aloud prompts, and SEL-integrated activities for Home Bridge, a learning prototype for K–2 multilingual newcomer families.
- Wrote instructional scripts, scaffolded guidance, and level-based reading supports aligned with early literacy development and accessibility principles.
- Created documentation for activity specifications, content flows, instructional goals, and revision cycles to support cross-functional team workflows.
- Conducted literature reviews on science of reading, multilingual language development, and culturally responsive teaching to guide curricular decisions.
- Participated in collaborative design reviews, integrating feedback from peers, user research insights, and design instructors to refine instructional content.
- Utilized AI-enabled drafting tools, Google Workspace, and structured file systems to streamline content creation and maintain consistency across iterations.

The Indian Public School

Dindigul

Curriculum Designer / Educator

08/2023 - 08/2025

- Designed and translated complex concepts into clear, structured instructional content aligned with learning objectives for diverse learners.
- Developed comprehensive digital and print learning materials, including instructional guides and assessment tools, ensuring accessibility and clarity.
- Maintained organized records and detailed documentation of lesson plans, learner progress, and assessment data to inform instructional decisions.
- Collaborated with academic leads and peer educators to enhance curriculum flow, sequencing, and instructional clarity.
- Reviewed and refined instructional materials to ensure consistency and learner usability.
- Coordinated student-led conferences with structured reflection prompts and presentation rubrics to reinforce learning.
- Designed scaffolded learning pathways to support diverse and multilingual learners.

The Akshaya Academy CBSE Senior Secondary School

Dindigul

English and Science Educator

06/2022 - 06/2023

- Tutored students in science by integrating literacy, inquiry-based learning, and problem-solving strategies.
- Explained academic material and authored instructional content such as reading passages, grammar activities, and learning guides.
- Analyzed learner performance trends to adjust instructional strategies and strengthen conceptual understanding.
- Produced narration scripts, instructional guides, and academic program materials for school-wide use.
- Maintained organized records of assessments, reports, and instructional resources.
- Supported academic and co-curricular events through coordination, learner communication, and operational support.

ACADEMIC & PROFESSIONAL EXPERIENCE

Tutree India Technologies Pvt. Ltd.

Content Writer Intern

India

08/2021 - 01/2022

- Worked as a content writer intern focused on professional writing and editorial review.
- Wrote and reviewed job descriptions for U.S.-based platforms, including DoorDash, Instacart and Uber Eats.
- Identified and corrected grammatical, language, and structural errors to ensure clarity and accuracy.
- Reviewed content for tone, readability, and alignment with U.S. workplace communication standards.
- Developed strong skills in editing, quality assurance, and precision writing for real-world industry use.
- Rated excellent (A) across all evaluation parameters, including attendance, enthusiasm, work consistency, attitude, and learning ability.

EDUCATION

Harvard University: Graduate School of Education

M. Ed. Human Development in Education

Cambridge, United States

06/2025 - Present

Tamilnadu Teacher Education University

B. Ed. Physical Science

Dindigul, India

06/2020 - 06/2022

Bharathidasan University

M.Phil. In Physics

Tiruchirapalli, India

06/2018 - 10/2019

Anna University

M.Sc. in Materials Science

Chennai, India

08/2016 - 05/2018


Madurai Kamraj University


B.Sc., in Physics


Madurai, India


06/2013 - 05/2016

Key Achievements

- **Service & Community Engagement**

Volunteered with an NGO for developing content and community initiatives. Served as a National Cadet Corps (NCC) Cadet, developing discipline and teamwork. Contributed as a National Service Scheme (NSS) Volunteer through outreach and social service activities.
- **Anthology Book Publication**

Miracle and Metanoia– Compiled and published two anthology books (Amazon and BookClub.com, ISBN: 978-93-5452-475-2 and 978-93-5452-886-6 respectively)
- **Academic Publication**

Mariam, D., et al. (2018). Effect of Fluorination on Band gap and Hyperpolarizabilities in Lithium-Substituted Adamantane. Chemical Physics Letters.
- **Academic Excellence & Honors**

Consistently achieved First Class with Distinction in my B.Sc., M.Sc., and M.Phil. Programs, and received multiple Outstanding Student awards in recognition of my academic performance and commitment to learning.

SKILLS

Learning & Development Support

- SME Collaboration
- Learning Objectives & Assessments
- Accessibility-Aligned Design
- Content Documentation
- Learning Progress Tracking
- Structured Workflows
- AI-Enabled Content Development
- Cross-functional Collaboration

Edtech & Tools

- Content management systems (CMS)
- AI-enabled drafting tools
- Google Workspace
- Microsoft Office
- Workflow tools

Literacy Knowledge

- Science of reading
- Early reading skills
- Vocabulary instruction
- Phonological awareness
- Oral language development
- Multilingual learners

Curriculum & Instructional Design

- eLearning Development
- Instructional Video Editing
- Content Editing
- Camtasia
- Articulate Rise
- Learning Management Systems (LMS)

Professional Strengths

- Attention to detail
- Collaborated across teams
- Supported cross-functional workflows
- Contributed to content production
- Self-motivated
- Strong communication
- Organizational skills
- Time-management