

ROHAN SAHAY

EdTech Curriculum Designer

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SUMMARY

Curriculum + learning-experience designer with 6 years across K-12 edtech and adult upskilling. Cognitive-science-trained; strong on assessment design and outcome-led learning paths. Looking for senior LXD / curriculum-lead roles in product-led edtech orgs.

WORK EXPERIENCE

Senior Curriculum Designer – Math (K-8)

Cuemath Sep 2021 - Present Bengaluru, Karnataka

- Owned the K-8 maths curriculum redesign – concept-mastery sequences for 1,200 micro-skills, used by 380K active learners.
- Drove the mastery-assessment rewrite (2,400 items) in line with cognitive-load research; mean concept-mastery score up 14%.
- Co-built the curriculum-quality rubric used by the 22-person curriculum team for design reviews.

Curriculum Designer – Science (Grades 6-10)

BYJU'S Learning App Aug 2018 - Aug 2021

Bengaluru, Karnataka

- Designed grade 6-10 science learning paths covering CBSE + ICSE + state-board variants – published 380 micro-modules.
- Co-led the team's switch to outcomes-led design briefs; reduced PM-design cycle time by 28%.
- Mentored 4 junior content designers; ran weekly cognitive-science journal club for the team.

EDUCATION

M.A. in Education (Curriculum + Pedagogy)

Azim Premji University, Bengaluru

Select dates GPA: 8.7/10

B.A. (H) in Mathematics

St. Stephen's College, DU

Select dates GPA: 8.5/10

TRAINING / COURSES

Coursera – Learning Experience Design Pro

Univ. of Maryland

2022 ID: COURSE-UMD-RS

Wiggins/McTighe Backward Design

ASCD

2021 ID: ASCD-UbD-RS

Cognitive Load Theory in Practice

Coursera (Sweller)

2023 ID: COURSE-CLT-RS

Articulate Storyline Pro

Articulate 360

2020 ID: ART-360-RS

STRENGTHS

Cognitive-Science First

Treats cognitive-load + retrieval-practice as design constraints, not slogans.

Item Writer

Builds assessment items from the rubric upward; refuses cliché question banks.

SKILLS

Learning Experience Design (LXD)

Curriculum Architecture

Assessment Design (Item-Level)

Cognitive Load Theory

Backward Design (UbD)

CBSE / ICSE / State-Board

Mastery Learning

Storyboarding (Articulate / Rise)

A/B Testing Learning Variants

Stakeholder Workshops

Subject Matter Expert Mgmt

Content QA Rubrics

HIGHLIGHTS



Concept-Mastery +14%

Post mastery-assessment rewrite at Cuemath.



EduTECH Asia 2024 Speaker

Talk on cognitive-load-led assessment design.



Cuemath Founder's Award

Annual recognition for the K-8 curriculum redesign.



BYJU'S 380 Micro-Modules

Authored across CBSE + ICSE + state-board variants.

PROJECTS

Cuemath K-8 Curriculum Redesign

Concept-mastery sequences for 1,200 micro-skills; 380K active learners.

Mastery Assessment Rewrite

2,400 items rewritten using cognitive-load research.

BYJU'S Science Micro-Modules

380 modules across CBSE + ICSE + state-board variants.

KEY METRICS

+14%

Concept-Mastery Lift

380K

Active Learners

2,400

Assessment Items

6

Years Curriculum

AWARDS

Cuemath Founder's Award

2024

Annual award for the K-8 curriculum redesign.

BYJU'S Quarterly Hero

2020

For the science learning-paths rollout.

Azim Premji Univ. Best Capstone

2018

For the cognitive-load thesis.

INTERESTS

Crossword Setting

Hobby setter; 4 cryptic crosswords published in The Hindu Cryptic.

Trail Running

Western Ghats regular; completed Goecha La in 2022.

LANGUAGES

English

Native ●●●●●

Hindi

Native ●●●●●

Bengali

Advanced ●●●●●