

ARMAN MOHAPATRA

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EDUCATION

DPS Modern Indian School, Doha, Qatar — Class XII (CBSE)

Expected 06/2027

Subjects: Physics, Chemistry, Mathematics, Computer Science

Relevant Activities: Director, Computer & Robotics Club; CEO, STEM Compass; Founder, DataDiaries

PROFESSIONAL EXPERIENCE

SWE Intern, ThinkNeuro LLC

May 14 – Aug 27, 2026

Software Engineering · Full-Stack Development

- Engineered Knot, a full-stack web application designed to streamline school club memberships and management
- Implemented core features to facilitate student sign-ups, track member engagement, and simplify administrative tasks for school clubs

Founder, DataDiaries

Current

Full-Stack Product · Firebase & AI

- Built a full-stack quiz platform from scratch — a three-page web app backed by Firebase for real-time data and auth, deployed live on Vercel, with quiz creation, playback, and a searchable public library
- Shipped a live analytics engine — personal and sitewide dashboards updating in real time via Firestore listeners, with native PDF exports
- Integrated AI-assisted content generation — a document-to-quiz pipeline (PDF/text upload → LLM-drafted questions) as a serverless function

Youth Ambassador, World Literacy Foundation

Jun – Aug 2026

Global Youth Advocacy

- Served as a global youth advocate raising awareness and support for literacy initiatives and education equality
 - Led community outreach campaigns and youth-driven projects providing learning resources to underprivileged children
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LEADERSHIP

CEO, STEM Compass

Current

Qatar's First Student-Led STEM Magazine

- Lead STEM Compass, publishing content that educates aspiring professionals on career paths across STEM-related fields
- Built and shipped the platform (stemcompass.org) including a student submission pipeline and interactive public gallery for STEM work

Director, Computer & Robotics Club — DPS Modern Indian School

Current

Leadership · Python & AI Integration

- Led junior and senior students in cybersecurity, Python, and AI integration
- Increased efficiency 30% through modular, reusable code across club projects

Independent Writer

Current

Medium · Self-Employed

- Writes and publishes independent articles exploring ideas at the intersection of STEM and storytelling
 - Manages the full publishing process independently — from drafting to editing to release
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LEARNING & CERTIFICATIONS

Supervised Machine Learning: Regression and Classification — Stanford University, Coursera (2026)

Python Data Structures — University of Michigan, Coursera (2026)

SQL for Data Science — UC Davis, Coursera (2026)

AI Basics and Tools for Creativity — University of Michigan, Coursera (2026)

SKILLS

Technical: React, Python, C++, HTML/CSS, JavaScript, Node.js, AI/LLM Integration

Creative: Storytelling, Writing (Medium, STEM Compass)

Other: Data Analytics, Project Management