RESUME

Diwakar Kumar

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Objective

To contribute as a STEM Educator and Curriculum Developer by designing innovative, hands-on learning experiences in AI, Robotics, and emerging technologies. Focused on creating impactful, future-ready learning pathways that enhance creativity, critical thinking, and problem-solving.

Professional Experience

AI & Robotics Trainer | Curriculum Developer | STEM Educator
MakersBox | November 2021 – Present

- Designed and developed comprehensive curricula for AI, Robotics, STEM, Python, and innovation programs for K12 learners.
- Created structured learning pathways, lesson plans, project modules, and assessments aligned with experiential learning.
- Facilitated STEM education at ARDEE School, Delhi, leading hands-on workshops, robotics labs, and AI learning sessions.
- Trained teachers and internal teams on STEM pedagogy, robotics tools, sensors, microcontrollers, and classroom integration of emerging technologies.
- Managed center operations, student performance tracking, and curriculum refinement based on learner progress.

Web Developer (Freelance)
Various Projects

- Developed responsive websites and digital content supporting educational programs and client requirements.

Educational Qualifications

Bachelor of Engineering, Electronics & Telecommunication
Savitribai Phule Pune University | 2013 – 2017

Intermediate in Science
Sarvajanik College, Sarvodaynagar Banka | 2011 – 2013

Skills

STEM & Instructional Skills:

- Curriculum Design & Development
- STEM Education (K12)
- AI & Robotics Training
- Project-Based Learning
- Learning Pathway Design
- Creative Lesson Planning
- Student Mentorship
- Classroom Management

Technical Skills:

- Robotics, Sensors, Arduino, IoT, Raspberry Pi
- Python
- 3D Designing & Printing
- Makerspace Tools
- Web Fundamentals (HTML, CSS, JavaScript)

Tools: Figma, Adobe Premiere Pro

Soft Skills: Leadership, Communication, Collaboration, Time Management, Problem-Solving, Creativity, Adaptability

Certifications & Achievements

- Guided a student to secure Rank One in the Content Championship among 70+ organizations.
- Curriculum Developer and Instructor for AI & Robotics educational programs.

Hobbies & Interests

- Exploring global cultures
- Traveling
- Playing Cricket and Football
- Listening to Music
- Yoga

Additional Freelance Robotics Services

- Provided customized robotics kits and developed robotics projects as a freelancer based on client requirements.