

Ravikiran Kawade

Coding Instructor & STEM Educator — San Francisco, CA

ravikiran.kawade@outlook.com — (650) 379-5004 — [linkedin.com/in/ravikiran-kawade](https://www.linkedin.com/in/ravikiran-kawade) — github.com/rvikwd3

Education

Visvesvaraya National Institute of Technology, Nagpur, India
Bachelor of Technology, Computer Science & Engineering

2014 — 2018

Experience

Hak Learning

Course Designer & Teacher — haklearning.com

San Francisco, CA
Oct 2024 — Oct 2025

- Designed and launched a 16-week coding curriculum, still in use today, that successfully transitioned students from block coding (Scratch) to Python programming.
- Delivered coding instruction to elementary and middle school students - class sizes ~26 (up to 50 across sections) students - across Bay Area schools in Piedmont, Palo Alto.
- Developed hands-on projects and block-to-text coding curriculums using Scratch, OctoStudio, Turtle, Pygame, Raspberry Pi, and Arduino.
- Designed and launched curriculum to be used by multiple instructors to teach AI literacy, prompt design, responsible use of AI, and projects using different sources of AI (camera, bot-bot interaction).
- Adapted lesson content to accommodate varying student learning styles and coding exposure levels: Zero coding experience to 3+ years.
- Mentored students through project completion, creative problem solving, and facilitated resilience when roadblocks occurred, culminating in a final project.
- Created instructional materials, reward-based learning experiences, classroom exercises, and organized project exhibition to reinforce learning outcomes.

City Dance Studios

Operations & Front Desk

San Francisco, CA
Aug 2024 — Oct 2025

- Managed operations supporting classes ranging from 10 to 150+ participants across multiple locations.
- Identified operational bottlenecks (inefficient data storage, retrieval, verification) in registration and attendance workflows, leading to the design and development of a studio-wide automation platform.
- Coordinated registration, payments, customer support, and day-to-day operational workflows.

Amdocs

R&D Software Engineer

Herndon, VA
June 2019 — Sept 2020

- Developed enterprise customer service platforms supporting 55,000+ telecom support agents.
- Collaborated with engineering and product teams to automate case-management workflows and reduce manual operational effort.
- Designed features that improved SLA compliance and reduced resolution times for common customer service issues.

Skills

- **Instruction:** Curriculum Development, Lesson Planning, Classroom Instruction, Student Mentorship, Project-Based Learning
- **Teaching Technologies:** Scratch, OctoStudio, Python, Raspberry Pi, Arduino, Pygame, AI Playground
- **Topics:** Computer Science Fundamentals, Creative Computing, AI Literacy, Physical Computing

Projects

Front Desk Automation at City Dance Studios

June 2025

- Gathered requirements from instructors, administrators, and front desk staff to design a workflow automation platform reducing manual operational overhead.
- Built web and mobile applications using Remix and Expo to streamline registration, attendance tracking, and payment workflows.
- Designed CRM functionality supporting scheduling, memberships, refunds, rentals, and multi-user transactions.
- Consolidated operational data into searchable digital records while preserving compatibility with existing workflows.