Contact

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Top Skills

Database Management System
(DBMS)

Communication

Teacher Training

Languages

English

Hindi

Marathi

Certifications

Python for Data Science

Completion Certificate for
Python Programming: A Concise
Introduction

Embedded system design

Entrepreneurial Development
Program on Solar Energy

Arduino Fundamentals

Madhavi Brahme

Technology Education Expert and Internationally Certified
Programming Language Instructor
Noida, Uttar Pradesh, India

Summary

I am on a mission to build community of Computational Thinkers
globally.

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Experience

Totogoto
Learning & Development Associate.
March 2021 - June 2023 (2 years 4 months)
Remote

Primary Responsibilities

- Programming Pedagogy Research and Development (30%)

- Learning Experience and Content Strategy (30%)

- Student Training and Mentorship (30%)

- Stake Holder Management(10%)

CircuitsLibrary
Founder
April 2019 - February 2021 (1 year 11 months)
Bangalore

Primary Responsibilities

- Programming Pedagogy Research and Development (30%)

- Learning Experience and Content Strategy (30%)

- Programming, Technology (20%)

- Project Management (20%)

Achievements

- Using the "First 20 hours of Skill Development" pedagogy methodology,
created a learning
experience for students of age group 12-14 with a focus on two skills - Problem
Solving and Design
Thinking and trained more than 200 students on Maker Tools through
CircuitLibrary

● Designed and developed a curriculum on Web Technologies, Data Science Tools, and Computational
Thinking
● Designed and developed Data Collection Device and Data Processing Mobile Application using
Arduino UNO and AppInventor. (Supporting patients suffering from renal diseases)
● Developed an Excel-based Monitoring Dashboard for a non-profit organization to monitor Project
Implementation Plan, Fund Utilization, and Resource Management.

Young Innovators Educational Services Pvt Ltd
Robotics Educator
March 2018 - April 2019 (1 year 2 months)
Bengaluru Area, India

• Introduce students to world of Robots.
• Educate students to use basic electronic components, sensors in real life.
• Teach students how start working with Arduino hardware and software.
• Explain design of robot.
• Content curation and curriculum development for different levels.
• Inventory management

CoreCentric Solutions, Inc.
Product Engineer
July 2016 - February 2017 (8 months)
Pune Area, India

Transworld Technologies Ltd.
R&D Engineer
September 2015 - February 2016 (6 months)
Pune Area, India

• Software development for GSM/GPS based tracking systems.
• Worked on different modules of Embedded System and product design cycle

Logicare Embedded Systems Pvt. Ltd.
Trainee firmware engineer
March 2015 - June 2015 (4 months)

LOGIC POWER
Intern
June 2013 - February 2014 (9 months)

Education

University Department of Instrumentation Science
Master of Science - MS, Instrumentation Science · (2012 - 2014)

Modern Education Society's Nowrosjee Wadia College Arts, Science, Pune 01
Bachelor of Science - BS, Electronics Science · (2009 - 2012)