

RESUME

EDUCATION

Symbiosis International School, Pune, India 2009 to Present
- *International Baccalaureate Diploma Programme (IBDP): Grade 11 & 12*
HL: Mathematics AA, Physics, Economics, Computer Science
SL: English Lang & Lit, Hindi
- *Cambridge International General Certificate of Secondary Education (IGCSE): Grade 9 & 10*
International Mathematics, Additional Mathematics, Physics, Chemistry, Economics, Computer Science, Drama, First Language English, Hindi

STANDARDISED TESTING

SAT: 1530/1600 (Math: 790, EBRW: 740) 2021
IELTS: 8.5/9.0 (Listening: 9, Reading: 8.5, Writing: 7, Speaking: 8.5) 2021

AWARDS AND HONOURS

International

- **CREST Gold Award in Engineering for the project "Designing the Most Efficient Beverage Can Packaging"** 2021
- **Associate of Trinity College London (ATCL) diploma in Communication Skills (Public Speaking)** 2021
- **Trinity College London Acting – Grade 8 with Distinction (89%)** 2020
- **University of West London Oral Communication - Grade 8 with Distinction (94%)** 2019
- **Best Overall Project award at NeoHacks, an international 48-hour hackathon** 2021
- **International Award for Young People, Bronze** 2020

Regional

- **Stood 2nd amongst over 100 teams in the Pune round of the World Scholars Cup** 2019

School

- **Highest Score in Mathematics AA HL, Physics HL, English SL, Computer Science HL, and Economics HL** 2021
- **Stood 1st in school amongst 58 students in IGCSE 10th Board Examination with 9 A*'s** 2020
- **International Certificate of Education (ICE) Distinction award from University of Cambridge** 2020
- **Stood 2nd in school amongst 58 students in Grade 9** 2019
- **Best Student award in First Language English, Hindi and Drama in Grade 9** 2019

ENGINEERING EXPERIENCES

MRC Logistics India Pvt. Ltd., Pune, India 2019 - 2020

A leading logistics and supply chain management company, helping various companies synchronize all their supply chain related activities.

- Interned with the company as part of the Supply Chain Management division
- Worked on a project for Kirloskar Oil Engines Ltd., assisting in designing environment-friendly recyclable collapsible metal skid packaging to replace single-use wooden packaging, reducing cost of packaging and transportation by 25.4%
- Contributed in making valves easily identifiable and traceable using the 5S & Kaizen approach at the in-plant stores management for Larsen & Toubro, increasing productivity by reducing searching time and saving an estimated 600 man hours annually

Jakson Ltd., Noida, India

A leading energy and infrastructure company, specializing in distributed energy, solar power systems, and electrical EPC solutions

- Interned with the company for 7 months over a Six Sigma project
- Actively worked on the team using Six Sigma tools like Cost and Effect Matrix, Pareto charts, Process Maps, and FMEA to optimize the inventory of engines at the Daman Plant, bringing the Stock to Sales ratio from 2.19 to 1.1

Six Sigma Yellow Belt Specialization, University System of Georgia

- Completed the Six Sigma Yellow Belt Specialization, incorporating online courses such as *Six Sigma Principles*, *Six Sigma Tools for Define and Measure*, *Six Sigma Tools for Analyze*, and *Six Sigma Tools for Improve and Control*
- Developed essential Six Sigma skills to learn to improve business processes, enhance performance, and increase quality

UpDrop, San Jose, California

A tech startup that uses deep learning and aerospace technology to allow for completely autonomous, drone-powered last-mile delivery of products ordered through the mobile application

- Worked as an active member along with 5 others in the startup, using drone delivery to maximize efficiency and protect the environment, eliminating wastages caused by using labor and large vehicles for small deliveries
- Contributed extensively as a mobile application engineer using Flutter and worked on building the drones

COMPUTER SCIENCE & DATA SCIENCE PURSUITS

Machine Learning Research Paper

Wrote a research paper titled "*A Comparative Study of Methods for Automated Essay Grading*" under the mentorship of Purdue University computer science PhD student Mr. Aaditya Kharel.

- Delved deep into the theory and mathematics behind various machine learning models for automated essay grading
- Implemented 5 machine learning models for automated essay grading using python, achieving accuracies up to 95.60%
- Authored the first research paper performing an experimental comparison of methods for automated essay grading to help future researchers create more effective novel systems

- Research Paper under submission for publication at the Journal of Student Research (JSR)

Zoho CRM Implementation Team, KMC Glass & Aluminum Pvt. Ltd., Bangalore, India

-- Served as a member of the Zoho CRM software implementation team, working on ensuring the system is seamlessly incorporated in the organization

- Contributed to the As-Is study, To-Be study & Gap analysis, understood software structure, reviewed process flowcharts,

and helped with software configuration

Mobile App Development

2020 – 2021

- Finished *The Complete 2021 Flutter Development Bootcamp with Dart*, offered through Udemy, learning how to create complex android and iOS mobile applications
- Awarded the Best Overall Project award at NeoHacks, a 48-hour international hackathon, for building an alarm clock app where the alarm doesn't turn off until a QR code is scanned
- Designed and developed an android and iOS application for a nutritionist, Dr. Khushboo Thakker, to automate her entire treatment process, helping her view and change patients' diet plans, track blood test reports, and manage appointments

IBM Data Science Professional Certificate Specialization

2019 – 2020

- Completed the IBM Data Science Professional Certificate specialization offered through Coursera, encompassing 9 online courses including *What Is Data Science?*, *Tools for Data Science*, *Data Science Methodology*, *Python for Data Science, AI & Development*, *Python Project for Data Science*, *Databases and SQL for Data Science with Python*, *Data Analysis with Python*, *Data Visualization with Python*, and *Machine Learning with Python*

- Performed analysis and visualization of COVID-19 data from government datasets as part of the Capstone project

Twitter Sentiment Analysis for Stock Price Predictions

2021

- Wrote my Computer Science Extended Essay on Twitter Sentiment Analysis for stock price predictions
- Used natural language processing to determine the sentiment of tweets from the Twitter API. Used the overall market sentiment to predict stock prices for AAPL and GOOG

PUBLIC SPEAKING & ACTING

PUBLIC SPEAKING

2020 - 2021

Training and Outreach

Designed 3 modules for teaching public speaking to middle school students, girls in NGOs, and students in government schools.

Taught public speaking over the course of 1.5 years using the modules in different organizations, which was very well received

Certifications

Associate of Trinity College London (ATCL) diploma in Communication Skills (Public Speaking)

2021

- Delivered 5 speeches of 5 minutes each in a variety of envisaged contexts, including different settings and audiences
- Studied various physical and vocal techniques to present the speeches in an engaging manner and be able to comfortably speak for the entire duration of the exam
- Reflected on my ATCL journey and presented it spontaneously as part of the reflective practice

University of West London Oral Communication – Grade 8

2019

- Recited a 6-minute prepared speech on International Cooperation and spoke spontaneously for 4-minutes on an unseen topic
- Prepared a comprehensive research portfolio on what makes a good public speaker and discussed the theory with the examiner
- Obtained a distinction in the examination with an overall score of 94%

Events

Compered in various school events including school sports day, aggregate intelligence interschool economics competition, women's day, and school football league auction, among many others.

ACTING

Certifications

Trinity College London Acting – Grade 8

2020

- Performed three contrasting play extracts from *King Richard the Third* by William Shakespeare, *The Canterville Ghost* by Oscar Wilde, and *Shards of a Life* by Pritisha Punukollu, explaining how they differ in style, language, mood or genre
- Spontaneously worked on a modification of one of the pieces using the stimulus provided by the examiner
- Engaged in a discussion with the examiner about the three works and other theatrical elements
- Achieved a distinction in the examination with an overall score of 89%

School Plays

Sherlock Holmes, played the role of Dr. Watson

2018

The Curious Incident of the Dog in the Night Time, played the lead role of Christopher Boone

2019

Steve Jobs, played the lead role of Steve Jobs

2019

Love from a Stranger, played the lead role of Bruce Lovell

2020

The Enemy of the People, performed the monologue of the Burgomaster

2020

Julius Caesar, performed the monologue of Mark Anthony

2021

LEADERSHIP

Student Council Member

2012-2020

- Actively been part of the Symbiosis student council since grade 4, holding positions of leadership including House Vice Captain, House Captain, MSP (Middle School Program) Captain, and IGCSE Captain

EXTRACURRICULAR ACTIVITIES

Karate

2013 to present

- Trained in Shito-Ryu Karate for over 7 years
- Received the 1st Dan Black Belt from Japan Karate Do Nobukawa-ha Shito-ryu-kai
- Attended various training camps, learning from experienced Japanese Sensei

Symbiosis Shiksha Abhiyan

2020-2021

- Taught a student who came in our school from Right to Education scheme English for 6 months, helping her cope with the challenges of not coming from an English speaking background

Volunteering at Hope for Children NGO

2020

- Taught a group of 30+ girls various skills including art, acting, public speaking, and computers for 3 months

School Chess Club

2020-2021

- Founder and President of the school chess club

- Hosted various chess competitions across the year and created a social media page to share interesting facts about chess

INTERESTS

Reading, Movies (favorites include *The Social Network*, *Inception*, *Ford v. Ferrari*, *21*), Art, Adventure Sports, Fitness, Cricket