

Shounak Pande

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EXPERIENCE

Teach For India, Pune — *Fellow*

JUNE 2016 - APRIL 2018

A non-profit organization that has a vision of attaining excellent education for all children through a 2-year rigorous fellowship experience.

1. I have taught 103 kids in a low-income government school (Grade 5 and 6, Late Shyamrao Shripati Barate 161-B English Medium School). In these 2 years, the kids have shown a growth of 2 levels in Writing from 1 to a 3 on the rubric and a 8% growth in Math mastery.
2. Started a drama project with my students that drove intrinsic motivation for independent learning in students' interest areas such as, script writing, dance, art, etc.
3. Began a classroom project with my kids aiming to build 21st century skills such as creativity, critical thinking, communication and collaboration by taking surveys, analyse data, decide on a problem, try a solution, get feedback and measure impact.
4. Opened avenues of exposure for my students to represent Teach For India at the Pune Running Beyond Myself Marathon 2017.
5. Students won awards in competitions - Writers in Making (Fiction Writing) and Opinion-based Writing in SHOUTT 2017.

Teach For India, Pune — *City Fellow Advisor*

JUNE 2017 - PRESENT

A role open to year 2 fellows for allowing us to continue impacting classrooms through facilitating sessions and working on our own professional and personal development.

1. Mentored, coached and impacted the knowledge, skills and mindsets of 10 fellows
2. Strategically planned and facilitated sessions focussing on pedagogy and content.
3. Contributed to build a culture of collaboration, plan for and execute resource sharing and open feedback system in the city across the grade level.

DATE OF BIRTH

20th July 1994

GENDER

Male

NATIONALITY

Indian

SKILLS

Chemical Engineering Softwares:

ASPEN, MATLAB, HTRI, AUTOCAD

Mathematical Graphing Software –
Origin

Video Editing Software – Hitfilm Pro

Music Editing Software – Audacity

STRENGTHS

Strategic

Ideation

Futuristic

Communication

Problem-solving

LANGUAGES

English, Hindi, Marathi

Teach For India, Pune — *Institute Curriculum Resource Specialist*

JUNE 2017 - JULY 2017

A summer internship at the Training Institute for the 2017 cohort

1. Worked closely with 60 fellows and 1 Senior Program Manager at Summer Institute 2015 (5-week intense training for 2017 fellows)
2. Facilitated sessions
3. Planned differentiated fellow workshops
4. Observed classrooms and gave constructive feedback in debriefs, post observation.

SHoW Us The Talent, Pune — *Lead*

JUNE 2017 - JANUARY 2018

SHoW Us The Talent is a city-wide education festival where students participate in various competitions and learnings from sessions and workshops.

1. Successfully led a team of 38 organizing team members to the successful completion of the event..
2. The model of SHOUTT was completely transformed for it to assume the nature of a festival and have more avenues of learning opened
3. Cluster SHOUTTs happened successfully for the first time.
4. New components such as workshops, sessions and stalls and resource packets were intentionally designed and successfully executed.

Teach For India, Pune — *Student Leadership and Communications Associate*

JUNE 2018 - PRESENT

Under this role, I piloted and managed two city-wide projects – the Student Alumni Wing, and City Communications and Branding.

STUDENT ALUMNI WING

1. Designed the pipeline for the first-ever Student Alumni Support system for Grade 9 and 10 students, our junior college alumni and college graduates
2. Conducted primary and secondary research on the career readiness levels of our students
3. Planned sessions for the same
4. Organized a Fellow Committee for execution
5. Organized an Alumni Leadership Student Council and a Student Committee
6. Am currently working on organizing a conference for our student alums – to deliver the support system to our student alums

CITY COMMUNICATIONS

1. Designed the first-ever strategy for city communications
2. Vision and Goal setting across all mediums
3. Used stakeholder analysis, PEST analysis, and customer experience mapping to understand the stakeholders to be leveraged in the strategy
4. The city's social media presence started posting regularly and ran strategic campaigns
5. Organized the city's first cross-functional team as a core-team and put together a fellow committee
6. Increased the Facebook likes by approx. 110%
7. Set-up the Instagram handle and brought up the followers to 700+
8. Organized and produced three videos on 5 students, talented in dancing, interviewing their role model dancers

EDUCATION

Vishwakarma Institute of Technology, Pune — *B.Tech. Chemical*

AUGUST 2012 - MAY 2016

I completed my Bachelors in Technology, Chemical Engineering by achieving a 7.0 CGPA [percentage of 70%]

1. Internship : National Chemical Laboratory, Pune (2015)
2. Projects :
 - a. 1st Semester (F.E.): A study of toxins found in natural water resources and their effect on marine foods.
 - b. 2nd Semester (F.E.): To check on the effect of ayurvedic medicine - Gokshuradi Guggul on artificially produced kidney stones.
 - c. 3rd Semester (S.E.): The synthesis of Chitosan, a chitin derivative, from the exoskeleton of crabs.
 - d. 4th Semester (S.E.): The synthesis of an electrically conductive polymer dispersion adhesive and its application as a replacement for solder in welding.
 - e. 5th Semester (T.E.): Simulation of Azeotropic Distillation using ASPEN
 - f. 6th Semester (T.E.): Extraction and analysis of steviol glycosides.
 - g. B.E. Major Project: Synthesis of Fe-Al mixed metal hydroxide nanomaterial in W/O microemulsion system and its application for defluoridation in water treatment. The following work was done :
 - a) Literature survey.
 - b) Synthesis of the product from the abovementioned novel method.
 - c) Characterization of the product by - X-Ray Diffraction(XRD), Scanning Electron Microscopy(SEM), Transmission Electron Microscopy(TEM) and Energy Dispersive Spectroscopy(EDS).
 - d) Application of the nanomaterial for defluoridation of water
3. Conferences:
 - a. National Conference on Modeling, Optimization and Control (NCMOC 2015) - "The effect of Chitosan on lipids and its indirect impact on stabilizing blood cholesterol level in human beings"
 - b. International Conference on Systems in Medicine and Biology (ICSMB 2016) - "A modification of folding algorithms and combinatorial models of RNA structures."
 - c. 3rd International Conference on Biotechnology and Bioinformatics (ICBB-2016) - "Phase plane behaviour of oscillatory motion of signalling network of NF- κ B transcription factor"
4. Achievements:
 - a. Stood 1st (Overall) in Firodiya Karandak 2015 and won 3rd prize in the Group Dance category
 - b. Stood 1st (Overall) in Drama at Vishwakarandak 2015
 - c. Won Best Director and Best Writer
 - d. Stood 2nd in Footloose (Group Dance) at Vishwakarandak 2014
 - e. Awarded the 'A' Excellence Grade for the Rio+20 India Program
5. Extra-curriculars:
 - a. Member of College's cultural group - VIT Cultural Productions (VICULP).
 - b. Choreographed and performed in several dance performances in college.
 - c. FOM (Friends of MAD) intern - Events and Corporate Relations in a youth social organization known as 'Make A Difference' for during 2012-2013.

Global Indian International School, Singapore — *International Baccalaureate Diploma Programme*

JULY 2010 - JUNE 2012

I completed my IBDP (International Baccalaureate Diploma Programme) with 32/45 points or an equivalent of 75%.

1. Projects:
 - a. IBDP Year 2 (12th) - The effect of Chitosan on lipids and its indirect impact on stabilizing blood cholesterol level in human beings.

Global Indian International School, Singapore — *CBSE Grade 10*

JULY 2009 - JUNE 2010

I completed my Grade 10 [CBSE] with a grade of 9.0 out of 10 or the equivalent of 90%.

1. Achievements:
 - a. Runner-up position in the 1st International Biotechnology Quiz, City Montessori School in Lucknow in 10th grade (2009)
 - b. Overall 5th position (1st in Solos) in a National Dance Competition in Singapore held for the promotion of the movie - Step Up 3D (2009)
 - c. Runner-up position (Solo Category) in Jhankaar, an Interschool Dance Competition (2009)