

ATIKHA RIZWAN
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EDUCATION

Massachusetts Institute of Technology
School of Engineering & Sloan School of Management
M.S., System Design and Management

Cambridge, MA
Sep 2016- May 2018(expected)
CGPA 4.6/5.0 (current)

Andhra University
College of Engineering
B.Sc.Eng. & M.Sc.Eng. Electronics & Communication Engineering

Visakhapatnam, India
Aug 2010 – Sep 2015
CGPA 8.0/10.0

EXPERIENCE

Massachusetts Institute of Technology
Teaching Assistant

Cambridge, MA
16th Jan – 31st May 2017 (spring term)

- Introduction to CS and programming in Python; Computational thinking and data science

Infosys Limited (Post graduation)
Systems Engineer

Mysore, India
December 2015 - June 2016

- Ranked among top 5% in rigorous training in python programming language, database management systems and specialized in SAP (Systems, Applications, Products) with focus on ABAP (Advanced Business Application programming).
- Developed a game using SQL server, and also a college and course bidding platform in SAP.

Grameena Vidya (Full-Time before graduation)
Director

Visakhapatnam, India
February 2012 – November 2015

- Managing a non-profit NGO which provides digital education to rural schools to bridge the digital divide, led teams to install 1400 smart classrooms in village schools, providing digital education to over 600k of India's most challenged students and training over 7000 teachers.
- Powered through huge resistance from teachers by conducting diagnostic tests and surveys. Won the Best Mentor award and Employee of the Year award in 2013.
- Led the organization towards better funds management by cutting costs per classroom through organizational strategy and logistics operations. Replaced CPUs with digi box with an android app to load and play the class specific content. Cost of digi box being 10% of the cost of a CPU, the savings were \$1.8m.
- Took the initiative to develop a mini bio-gas power plant using animal and farm waste involving local rural population in its operation. This provided a reliable, sustainable and environment-friendly source of energy for the schools and villages. Won the Best innovator award, 2014 for this achievement.

Consolidated Education Technologies (I) Pvt. Ltd. (Part-Time before graduation)
(Provides online and offline digital teaching and learning resource for K-12)
Content and Portal developer

Visakhapatnam, India
January 2011 – January 2012

- With a well planned manoeuvre, developed portal www.teachlearnweb.com and smart classroom content. Coordinated between subject experts' team and multimedia developers' team. The portal has over 200K subscribers.

ADDITIONAL

- BMW supply chain resilience improvement - Currently working on this real-time project at MIT.
- Internship at Defence Research and Development Organization (DRDO), Govt. of India – worked on a project titled "Design of degaussing electronics for ring laser gyro." Summer 2013
- Internship at State Bank of India (SBI) – in retail loan processing cell. Summer 2014
- Started a non-profit NGO – "Hum Aapko"- in college, to raise funds, collect used books and equipment for lesser privileged students in rural areas. In addition, before the general elections 2014, ran a campaign to spread awareness about the democratic electoral process among inner city and rural uneducated people. Got them registered as voters.
- Volunteered as a weekend mentor (2011-12) at SOS (Save Our Souls) - an International organization for orphans.
- Won Gold and Silver medals in Lawn Tennis and Table Tennis at college for all five years.