| | Ravindra Khare | 100010033 |
| | Aerospace Engineering | B.Tech. |
| | Indian Institute of Technology Bombay | Male |
| | | DOB: 05/03/1991 |

| Examination | University | Institute | Year | CPI / % |
|---|---|---|---|---|
| Graduation | IIT Bombay | IIT Bombay | 2014 | 6.49 |
| Intermediate/+2 | MP board of Intermediate education | Government of Excellence school | 2009 | 80.40 |
| Matriculation | MP board of secondary education | Government of Excellence school | 2007 | 90.60 |

## Professional Experience

- Worked as Mentor of Change[Atal Innovation Mission] in **NITI AYOG[ Government of India]** from May-2019 to present [New Delhi]

- Worked as Co-Founder & Chief Technology Innovation Officer[CTIO] in **Turbo Artificial Intelligence** from november-2017 to july-2020 [Bangalore & UK]
  - Promoting open innovation and introducing group tools and process
  - Responsible for organizational leadership on technology issues and management of the technology research
  - Ensuring the alignment of technology vision with business strategy
  - Responsible for managing the innovation process inside the organization
  - Identifying new strategies, business opportunities and new technologies
  - Develop new capabilities and architectures with partners
  - Developing new business models and new industry structures to serve those opportunities
  - To do market research and find out new business segments , which is not fully explored and a lot of potential
  - Competitive analysis of the products or services so that we can tackle the clients properly
- Worked as Co-Founder & Chief Technology Innovation Officer[CTIO] in **Deliverytm** from march-2016 to September -2017 [Mumbai]
  - Overseeing day to day operations and keeping the CEO apprise of significant events
  - Creating operations strategy and policies
  - Creating strategy and communicating polices for employees
  - Implementing and managing the operational budget
  - Reviewing, developing and measuring key metrics to the operations
  - Ensuring continuous delivery of services through management of service level agreements With end users and monitoring performance
- Worked as Founder & CEO **Kalam High-Tech Education (NGO)** from jan-2015 to present
  - Provided a clear vision, purpose for the organization
  - Established and maintaining partnership and constructive dialogues with stakeholders across the country , comprising civil society organizations , state governments , private sector and CSR philanthropies , donors etc., with a view to enabling strategic collaborations to promote organizations work in technical education for young students.
- Worked as Research Analyst & Algorithm Developer in **Eliphaz Financial Consultants Pvt. Ltd**. from jan-2015 to feb-2016
  - Design Automation Tool for analysis of historical data, It is contain multiple strategy, logic and custom trading algo. It is generated signal for next day and current time using bash, shell scripting, awk, sed, Python. Also generate the bulk order for trading purpose
- Worked with **Dr A.P.J Abdul Kalam in ISRO** [As Young scientist] from December-2007 to januray-2008

# TECHNICAL SKILLS

**Software skills**: MatLab, Adobe Photoshop, MS Office, Sony Vegas, Flight Simulator, Simulink, Dreamweaver and WordPress
**Programming language**: C/C++, HTML ,Python, Php ,Shell Scripting,SQL,Tableau
**Operating system:** GNU/Linux, Windows.

# KEY ACADEMIC PROJECTS

**Ramanujan Series** | (pi –value)                                                                    [Jul'10-Nov'10]
*Guide: Prof R.K Joshi, Department of Computer Science & Engineering, IIT Bombay*

- Evaluated **Pi (π)** value using *Ramanujan Series*
- Used **free code Program** to calculate pi(π) value using **infinite series** developed by Ramanujan
- Approximated at least **30 decimal digits** of pi using C++

**Engineering Design**                                                                                [Jul'11-Nov'11]
*Guide: Prof K.Sudhakar, Department of Aerospace Engineering, IIT Bombay*

- Designed **multi-utility desk** to provide students a better way to study and organize their things in proper
- manner
- Used **SOLIDWORKS** to design the prototype
  Worked in a team of 5 to successfully complete the task

**Water Rocket (Single- Stage Rocket)**                                                               [Jan'11-Apr'11]
*Guide: Prof G.R Shevare, Department of Aerospace Engineering, IIT Bombay*

- Designed a single stage water rocket using **Plastic container**
- Used combination of pressurized air and water for propulsion to achieve **maximum range**
- Consisted of three major parts **the nose, body fins and nozzle**

# AWARDS AND ACHIEVEMENTS

- Recipient of the prestigious **Vigyan Manthan Yatra(MP Mission Excellence) Scholarship-2008**
- Participated in an interactive visit to **R & D Institutions** of Pune, Bangalore & Kanyakumari under the "Vigyan Manthan    -Mission Excellence Programme" organized by M.P. Council Of Science and Technology (2008 – 2009)
- Awarded **B -certificate** in NCC under 2-Maharastra Engineering Regiment, attended 10 days annual training camp-2010, IIT   BOMBAY including training at **INS Hamla of Navy** for bridge building at Marve beach (2010 – 2011)

# EXTRA-CURRICULAR ACTIVITIES

- Represented **Dance Club IIT BOMBAY** performing in various dance shows

**Hobbies**:

- Painting, Dancing, Chess
- Solving Sudoku, Badminton, Football
- Playing Synthesizer

# Contact Details

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