

# AKASH KUMAR

Prayagraj, U.P - 211012 | (M) 9682505539 | akashmech1080@gmail.com

## OBJECTIVE

To leverage my M.A. in Economics, B.E. in Mechanical Engineering, passion for learning along with strong analytical, problem-solving, and communication skills, and despite a career hiatus I am ready to overcome any challenges and make a positive impact on your organization.

## EDUCATIONAL QUALIFICATION

Qualification	Institute	University/ Board	Year of Passing	Percentage
M.A. in Economics	School of Social Sciences	IGNOU	2025	Currently pursuing
B.E. Mechanical Engineering	Chandigarh University	Chandigarh University	2019	86.4
AISSCE (XII)	Air Force School Viman Nagar (Pune)	CBSE	2015	77.6
AISSE (X)	Kendriya Vidyalaya (Coimbatore)	CBSE	2013	89.3

## TECHNICAL SKILLS

Skill	Details
Economics	Quantitative Analysis, Economic concepts and framework, Financial Institutions and Markets, Actuarial Economics
Mechanical	Non-Conventional Energy Sources, Thermal Engineering
Programming Language	Python, R, SQL, HTML, CSS, JavaScript
Python Libraries and Frameworks	NumPy, Pandas, Matplotlib
Database Management System	MySQL
Version Control System	Git and GitHub
IDEs and Tools	IDLE, Anaconda, JupyterLab, VS Code, Microsoft Excel, PowerBI, Tableau, Microsoft Word, Microsoft Powerpoint
Operating System	Ubuntu 22.04 LTS (Linux), Windows 10

## CERTIFICATIONS / COURSES

- TCS iON Career Edge - Young Professional Course by TCS iON Digital Learning Hub
- Coursera Course on Microeconomic Principles by University of Illinois, Urbana-Champaign
- Coursera Course on Learn to Program : The Fundamentals by University of Toronto

## SKILLS

- Strong communication and interpersonal skills
- Detail-oriented and highly organized
- Ability to work collaboratively in a team.
- Excellent problem-solving skills
- Presentation Skills

## CAREER GAP EXPLANATION

Following graduation in 2019, I took a career break for personal development and self-discovery.

During this time, I dedicated myself to rigorous preparation for the Indian Defense Forces selection process which helped me draw valuable lessons like hard work and discipline. At the same time, I remained proactive by engaging in self-study, exploring online courses, and staying informed about industry trends.

Now, with renewed enthusiasm and a strong sense of purpose, I am eager to transition into a professional role where I can apply the valuable knowledge and skills I've acquired during my career break.

## PROJECTS/ACTIVITIES:

### 1- Major:

- Agriculture Transplanter- Jan-Apr 2019
  - Made using steel, this transplanter had innovative design to solve the problem of agricultural labour shortage due to rural-urban migration.
- Vertical Axis Wind Turbine- Jul-Oct 2018
  - VAWT designed and prototype made by me. It is designed to be ecologically friendly protecting birds in case of collision and stopping ability even in case of brake failure.
- Go-Kart (Module-Steering)- Jan-Apr 2018
  - Team- Race Headers, Position-Under Top 15 Teams
  - Module steering was about designing and assembling steering components as well as keeping in mind safe ejection of driver in case of emergency within 8 seconds.

### 2- Minor:

- Chainless Bicycle- Jan-Apr 2017
- Pedal Operated Hacksaw- Jul-Oct 2017
- Stress and strain testing models made manually using lathe- Jun-2015

## INTERNSHIP

- June 2018 - Industrial Training  
Organization - India Yamaha Motor Pvt. Ltd. Department- Manufacturing

## ACHIEVEMENTS

- Participated in **International Go-Kart Championship 2018**
- Participated in 3 **Marathons** (2016,2017 and 2018)

## HOBBIES

Reading articles related to Economics, Python Programming and Running