


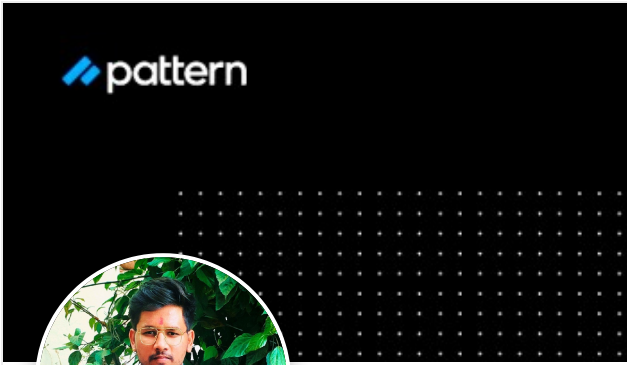


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## Akash Auti

Software Engineer Intern at Pattern®  
Pune, Maharashtra, India  
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**Centre for Development of  
Advanced Computing (C-DAC)**

## About

Completed Bachelors in Mechanical Engineering. Pursuing PG Diploma in Artificial Intelligence.

Data Science enthusiast with a mechanical background and capable of handling complex problems related to data .

Active in Python open source community and interested about solving complex business problems

Data Handeling Skills:  
- Python



Skills

- Exploratory Data Analysis (EDA)
- SQL Using SQLite

Machine Learning & Statistics skills:

- Linear / Logistic Regression / regularisation based regression.
  - Tree-based algorithms ( RF, LGB, XGB )
  - Ensemble Modelling
  - Clustering algorithms.
  - Natural Language Processing
  - Computer Vision
- 
- Visualization Using Power BI

Please do check my kaggle <https://www.kaggle.com/akashauti>

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## Activity

**At Indira College of Engineering and Management, with Director Dr. Sunil B. Ingole sir, Dr.Darshana Desai (HOD - MCA) madam, Dr. Poorna Shankar (Prof...**

Liked by Akash Auti

💡 Pedal powered aircraft 🚗 It uses #human power to get off by peddling. This way you can also get your exercise and get some distance on a...

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Hey #connections 🙌 🚀 Exciting News: Unveiling My Advanced AI Innovation! I am thrilled to introduce you to a groundbreaking project that's been...

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## Experience

### Software Engineer

Pattern®

Jun 2023 - Present · 4 months

Pune, Maharashtra, India

### Graduate Engineering Trainee

LG Electronics

Oct 2021 - Aug 2022 · 11 months

Ranjangaon MIDC

### Materials Management Trainee

TATA AutoComp Systems Ltd

Nov 2020 - Jul 2021 · 9 months

Pune, Maharashtra, India



## **Centre for Development of Advanced Computing (C-DAC)**

Post Graduation Diploma in Artificial Intelligence · Artificial Intelligence

2022 - 2023

Activities and Societies: Advance python Data analysis Machine Learning Deep neural networks Natural Language Processing

## **Savitribai Phule Pune University**

Bachelor of Engineering - BE · Mechanical Engineering

2017 - 2020



2014 - 2017

Activities and Societies: Sports Commitee

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## Licenses & Certifications

### **AWS Certified Machine Learning - Specialty (MLS-C01) Cert Prep: 2 Exploratory Data Analysis**

LinkedIn

Issued Jul 2023

[See credential](#)

### **Attention Mechanism**

Google Cloud Skills Boost

Issued Jul 2023

Credential ID 4275060

[See credential](#)

### **Create Image Captioning Models**

Google Cloud Skills Boost

Issued Jul 2023

Credential ID 4277214

[See credential](#)



Issued Jul 2023

Credential ID 4274932

[See credential](#)

### **Generative AI Fundamentals**

Google Cloud Skills Boost

Issued Jul 2023

Credential ID 4274183

[See credential](#)

### **Introduction to Generative AI**

Google Cloud Skills Boost

Issued Jul 2023

Credential ID 4271709

[See credential](#)

### **Introduction to Generative AI Studio**

Google Cloud Skills Boost

Issued Jul 2023

Credential ID 4277395

[See credential](#)

### **Introduction to Image Generation**

Google Cloud Skills Boost

Issued Jul 2023

Credential ID 4274613

[See credential](#)

### **Introduction to Large Language Models**

Google Cloud Skills Boost

Issued Jul 2023

Credential ID 4273937

[See credential](#)



Issued Jul 2023

Credential ID 4274001

[See credential](#)

## Machine Learning with Python: Logistic Regression

LinkedIn

Issued Jul 2023

[See credential](#)

## NLP with Python for Machine Learning Essential Training

LinkedIn

Issued Jul 2023

[See credential](#)

## Transformer Models and BERT Model

Google Cloud Skills Boost

Issued Jul 2023

Credential ID 4275507

[See credential](#)

## Transformer Models and BERT Model

Google Cloud Skills Boost

Issued Jul 2023

Credential ID 4275507

[See credential](#)

## Fundamentals of Visualization with Tableau

Coursera

Issued Jun 2023

Credential ID QQS45HCQXC7N

[See credential](#)

## Debiasing AI Using Amazon SageMaker

LinkedIn

Issued Jun 2023



## Learning Amazon SageMaker

LinkedIn

Issued Jun 2023

[See credential](#)

## Machine Learning with Python: Association Rules

LinkedIn

Issued Jun 2023

[See credential](#)

## Machine Learning with Python: Decision Trees

LinkedIn

Issued Jun 2023

[See credential](#)

## Machine Learning with Python: Foundations

LinkedIn

Issued Jun 2023

[See credential](#)

## Machine Learning with Python: k-Means Clustering

LinkedIn

Issued Jun 2023

[See credential](#)

## SQL for Data Science

Coursera

Issued May 2023

Credential ID Z43XY4QYZNNJ

[See credential](#)





Issued May 2023

Credential ID N6KFL9V85X68

[See credential](#)

## Create a Project Management Tracker using Microsoft Excel

Coursera

Issued May 2023

Credential ID 4N65ETXY5L22

[See credential](#)

## Learning Data Analytics : 1 Foundations

LinkedIn Learn

Issued May 2023

Credential ID

463955b979bb3003d8bd7d99161ffc3lblb8f159bb79885293071f8580ed9e44

[See credential](#)

## Docker Training Course for the Absolute Beginner

KodeKloud

Issued Feb 2023

Credential ID 2D064B1167AC-2D06450CE0B0-2D063F7350E4

[See credential](#)

## Linux Challenges

KodeKloud

Issued Feb 2023

Credential ID 2D064B1167AC-2D145AF33AAF-2D063F7350E4

[See credential](#)

## JSON Path Test - Free Course

KodeKloud

Issued Jan 2023

Credential ID 2D064B1167AC-2D06451BD46E-2D063F7350E4

[See credential](#)



Issued Feb 2023 · Expires Feb 2023

Credential ID G2X47GPBCHKC

[See credential](#)

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## Patents

### **Passive solar tracking system.**

Issued March 19, 2021 · India

- Filed patent on Gravity based passive solar tracking system governed by pendulum action (Patent No.: 202121011862)
- Design & developed a passive solar tracking system, using inversion of perpetual motion.
- This system helps to increase efficiency of solar system without any external power supply.
- It can be used in Industries where solar energy is prime source of energy.
- Use of solar tracking system helps to increase generation of energy with same cost of energy...

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## Projects

### **Webcam Based Controller: A Gesture-Based Gaming Experience**

Jul 2023 - Jul 2023

Project uses Webcam to track the movement of the finger to get the input and uses python library to operate with the keyboard in order to operate the game.

### **Song Suggestion using Facial expression recognition**

Jan 2023 - Mar 2023

Designed a model using pre-trained ReNet-50 which is using HarCascade for predicting the emotion of

the user.

Have total eight types of emotions and the processing those will be differentiated into



The dataset for genre of music is provide as after detecting the emotions the music will be played as per specific conditions.

We can use this using photo as well as the live video using webcam.

[See project](#)

## Industry Base Pneumatic Leak Testing Machine

Nov 2019 - Jan 2020

Aim: To test leakage in specified component.

To design & develop the leak tester for the provider company

## Plastic Recycling using Injection Moulding machine.

Dec 2016 - Jan 2017

To recycle household plastic waste.

Budget friendly injection moulding machine to use in project for recycling.

Easy to handle & customer friendly.

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## Languages

### Marathi

Native or bilingual proficiency

### Hindi

Professional working proficiency

### English

Full professional proficiency

### Kannada

Professional working proficiency

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## More activity by Akash



Liked by Akash Auti

**#1 in Indian Languages on #Python #Programming on #Amazon ! Message for details: 8208590025**

Liked by Akash Auti

**I am happy to share that I have passed the Google Cloud Certified Associate Cloud Engineer (ACE) exam.**

Liked by Akash Auti

**Thrilled to receive a special package of goodies from Google Cloud! 🎁 Grateful for their continuous support and innovative solutions that empower...**

Liked by Akash Auti



It's truly a pleasure to be a part of Pattern®  
#rubyconfwithpattern #Pattern #RCI #rubyconf2023 #AI  
Liked by Akash Auti

Playing Subway Surfers Game control using Mediapipe and opencv Person in  
frame - Taha Anwar, it's not me. credits : Taha Anwar Bleed AI Academy...  
Liked by Akash Auti

मराठी साहित्य परिषद, तेलंगणा आयोजित हैद्राबाद येथील कार्यक्रमात प्रमुख पाहुणे मराठी  
लेखक व गायक डॉ. आशुतोष जावडेकर यांच्या समवेत.  
Liked by Akash Auti

It's truly a pleasure to be a part of Pattern®. It feels akin to a professional bike  
ride, characterised by smoothness and...  
Liked by Akash Auti



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**Akash Auti**

Associate Consultant @KPMG | Ex-LTIMindtree

Pune



Pune

### Akash Auti

Software developer with expertise in Java, Spring framework and Javascript

Pune

### Akash Auti

officer in QC department

Aurangabad

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Software Engineer Intern at Pattern®

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