

CONTACT ME AT

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SKILLS SUMMARY

Technical Skills

- Python
- HTML
- Java
- OOPs
- Deep Learning
- Machine Learning
- OpenCV
- SQL
- Tableau
- Statistics
- Data Analysis

Soft Skills

- Problem Solving
- Communication Skills
- Leadership
- Decision Making

GIT-HUB LINK

 <https://github.com/Aksh-07>

TOOLS USED

-  PyCharm community
-  Python notebook: JetBrains Datalore
-  Tableau Public
-  Visual studio code
-  Microsoft 365 (Office)

AKSHDEEP SINGH

SOFTWARE ENGINEER

PERSONAL PROFILE

An ambitious, committed, and focussed Software Engineer with a keen interest in AI, ML, Data Analysis, and Research. Possesses excellent teamwork, interpersonal, and communication skills. Excellent knowledge of OOPs, and Relational Database Management Systems. Ready to work in a dynamic environment offering an opportunity to grow alongside the brand in the tech industry.

WORK EXPERIENCE

Software engineering - AI R&D

SS Nesten Solutions Pvt. Ltd. | April 2022 - present

- Researched and developed new Artificial Intelligence and Machine Learning software to be used in products
- Researched and used best-suited existing AI models like BERT, RoBERTa, etc
- Experience with libraries like OpenCV, TensorFlow, Keras, sklearn, scipy, numpy, etc
- Pre-processing images using OpenCV.
- Investigated and implemented new ways to improve software engineering processes
- Researched and created a CNN model for color images from scratch using the book "Neural network from scratch in python" by Harrison Kinsley & Daniel Kukieta as a reference.
- Collaborated with other AI researchers to develop new methods for AI software development
- Debugged and updated old technology code to the current version
- Wrote documentation of new AI software

Customer Service Executive

Teleperformance Jan 2021 - Nov 2021

- Worked as an English translator for 2 or more callers over the USA
- Ensured Quality service with lightning speed.
- Fast learner and always bring new and innovative ideas to enhance my work.

HOBBIES



Every kind of Sport



Getting lost in a good book



Exploring new places



Working out

EDUCATIONAL HISTORY

Punjabi university, Patiala

B.tech (C.S.E) | April 2016 - June 2020

- 4 years of graduation in computer science and engineering.
- CGPA: 6.6

Senior Secondary Education

D.C.Model Sr. Sec school | April 2014 - April 2016

- Supermedical (PCMB)
- CGPA: 8.6

Secondary Education

D.C.Model International school | April 2005 - April 2014

- CGPA: 8.6

CERTIFICATION AND COURSES

- 100 Days of Code: The Complete Python Pro Bootcamp for 2022
UDEMY | Completed : 22/02/ 2022
- Fundamentals of data visualization in Tableau
UDEMY | Completed: 20/02/2023
- The Data Science Course 2022: Complete Data Science Bootcamp
UDEMY | In-Progress

PERSONAL PROJECTS COMPLETED

Games using Python Scripting

- Ping-Pong
- Breakout
- Turtle-Race
- Snake-Game

Web-Scraping using Python

- Anime and their Rating
- Top 10 Movies

Automation using Python

- Chrome T-rex game
- Instagram Followers

Web site and Blog using Flask with multiple users

- Cafe and wifi
- To-do List
- Aksh-blog

Data Analysis and Visualization

- Determination of earning per hour in USA:
<https://datalore.jetbrains.com/notebook/ZNQTVgs oyPWEnd00QXxluj/Qv8yXBKEcloAQco31CzGeH>
- Fatal Forces in USA:
<https://datalore.jetbrains.com/notebook/ZNQTVgs oyPWEnd00QXxluj/C7ckhdJKzemy6BGw8yqRnM>
- Space Mission Analysis:
<https://datalore.jetbrains.com/notebook/ZNQTVgs oyPWEnd00QXxluj/d4TaolKf6Y5UckSx0C8Iem>