Rajesh Singh Kadyan

Full Stack Developer, AI & Machine Learning Engineer

@rajeshsinghkadyan@gmail.com   +918168481271   Chimni, Rohtak, Haryana (124412)
https://www.linkedin.com/in/rajesh-singh-kadyan-a95561152/

EXPERIENCE

- ### Machine Learning and Artificial Intelligence Internship
  - INNEFU PVT Labs, New Delhi
  - May, 2019
  - Certificate Link
- · Learned various concepts and implementation of the machine learning and artificial intelligence field.

- · Automatic attendance system using the facial recognition was developed.

- ### Google Android Fundamental training and intra institutional hackathon participant
  - Chandigarh University
  - 10 may 2018 – 12 June 2018
  - Certificate Link
- · Learned about the android app development using JAVA.
- Practiced by developing many android apps (minors and majors).
- Developed Travel mate app during the final evaluation (Hackathon).
- Got 4th rank in the hackathon.
- I used Google maps and gps tracking feature I order to provide the user travel, accessories, shops, malls, hotel accessibility and price details in travel destination

- ### AWS Hands on Session workshop Attendee
  - Chandigarh University
  - 28th and 29th Jan 2020
  - Certificate Link
- · These sessions were managed and provided by an industry expert.
- During these sessions more than half components and services of the AWS cloud introduced and provided the authority to the attendee to work on those services and components after a demonstration provided by industry expert.
- Here I learned about the working i.e. computation over the internet i.e. use of Cloud Computation.
- I created various services and microservices as well during those days and also practice for 3 months after that session.
- I also learnt about the security and IAM features.

Result oriented, self-driven, highly motivated, smart and hungry to learn new technologies, methodologies, strategies and processes.

LIFE PHILOSOPHY

"If you don't level up your skills and yourself, it implies that you have prisoned a soul in a dustbin."

SKILLS

Programming Languages

Skill	Rating
Python	○○○○○
Java	○○○○○
R	○○○○○
SQL	○○○○○
JavaScript	○○○○○
Angular JS	○○○○○
Node JS	○○○○○
C/C++	○○○○○
Scala	○○○○○

Technology

Skill	Rating
Cloud Computing	○○○○○
Web Development	○○○○○
Feature Engineering	○○○○○
Flutter	○○○○○
Machine Learning	○○○○○

Non-Technical Skills

Skill	Rating
Time Management	○○○○○
Punctuality	○○○○○
Soft Skills	○○○○○
Adaptability	○○○○○
Leadership	○○○○○
Management	○○○○○
Team work	○○○○○

PROJECTS ON MACHINE LEARNING

- **Facial Gesture recognition software**
  - o **Chandigarh University**
  - o 10 may 2019 – 12 June 2019
- Team of 5 members.
- My role was to develop the software and I successfully played my role using my full efficiency on time.
- During this project timing I learned team management and time management.
- I used:
- Python as programming language.
- SQL as database.
- Machine learning and artificial intelligence for gesture recognition.
- Opencv for image processing.
- Me and my team awarded by A grade in the project.

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PROJECT ON IOT

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IOT Speaker

  - o **Chandigarh University**
  - o October, 2019 – December, 2019
- · Designed and built a speaker by using IOT devices
- 5 Members Team.
- My role was to code the amplifier and assemble the speaker various component in order to form a working model.
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PROJECT Using JAVA

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Student Management Application

  - o **Chandigarh University**
  - o October, 2018 – December, 2018
- Team was of two members.
- My role was developer and presenter.
- Core java concepts used in this project.
- Got A grade and appreciation by the lecturer.

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SKILLS

Operating System

- **Kali LINUX** ○○○○○
- **Windows** ○○○○○
- **UBUNTU** ○○○○○
- **Android** ○○○○○
- **Cent OS** ○○○○○

Cloud Skills

- **Google Cloud Platform** ○○○○○
- **AWS** ○○○○○
- **IBM Cloud** ○○○○○
- **Salesforce** ○○○○○

EDUCATION

- **Bachelors of Engineering in Computer Science Cloud Computing Specialization**
  - o **Chandigarh University**
  - o August 2017 – July 2021
  - o **7.40 CGPA**
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- **Class 12 (HBSE)**
  - o **Takshila Vidyapeeth Sr. Secondary School**
  - o May 2015 – June 2016
  - o 82.60%
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- **Class 10 (CBSE)**
  - o **Govt. Model High School, Beri**
  - o April 2013 – June 2014
  - o 90.4%

ORGANIZATIONS

- **Class Representative**
  - **Apex institute of technology, Chandigarh University**
  - August 2018 – Present
- · I talk to student for their feedback.
- · I provide them all the news and decisions taken in my meeting with higher officials (Program Leader, HOD, AD, Engineering Director, Vice Chancellor, Chancellor)
- · I conduct weekly reports and report it back to Department.
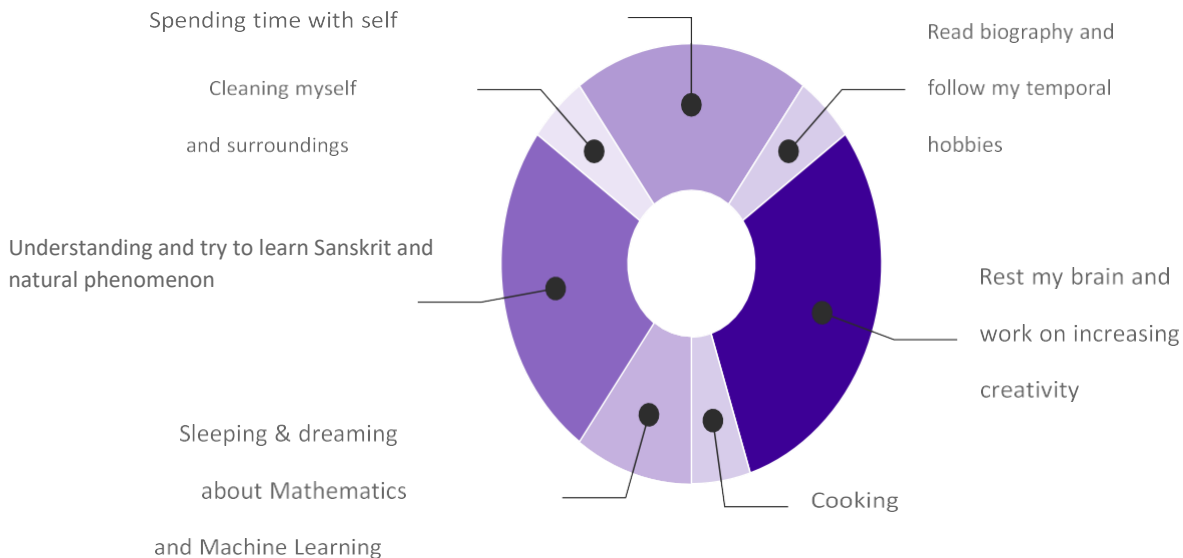- · I present the debarred students' case if it is legit.
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- **TPP Class Representative**
  - **DCPD, Chandigarh University**
  - Jan 2019 – Present
- · I talk to student for their feedback.
- · I provide them all the news and decisions taken in my meeting with higher officials to DCPD manager and Hear.
- · I conduct weekly reports and report it back to DCPD.
- · I present the debarred students' case if it is legit.

A DAY OF MY LIFE

- **Google Hash code - Coordinator**
  - **Chandigarh University**
  - January 2020 – 20 February 2020
- · I have to manage all other students, motivate them to take part in the event.
- · The target we were looking for was 400 students but our team managed to get 1000+ students' participation.
- · I have to arrange for lights, poster, decoration etc.
- · I looked after the security of the Students on the day of event. It was a night long event and security was an integral part.
- I Managed to solve the technical problem faced by participants
- · I have to arrange sitting as well as computers for more than 2000 students. We talked to the university for the same.

Weekdays Time

- Spending time with self
- Cleaning myself and surroundings
- Understanding and try to learn Sanskrit and natural phenomenon
- Sleeping & dreaming about Mathematics and Machine Learning
- Read biography and follow my temporal hobbies
- Rest my brain and work on increasing creativity
- Cooking

Digital Badges

- **IBM Cloud Application Developer Master Award 2019**
  - **IBM**
  - November 2019
  - Certificate Link

- **IBM Cloud Application Developer Explorer Award 2019**
  - **IBM**
  - November 2019
  - Certificate Link

- **Introduction to Cybersecurity tool and Cyber Attacks**
  - **IBM**
  - July 2020
  - Certificate Link

- **Cybersecurity Roles, Process and Operating System Security**
  - **IBM**
  - July 2020
  - Certificate Link

- **Cybersecurity Compliance Framework & System Administration**
  - **IBM**
  - August 2020
  - Certificate Link

- **Security On AWS**
  - **QwikLabs**
  - July 2020
  - Certificate Link

- **Baseline: Data, ML, AI**
  - **QwikLabs**
  - September 2020
  - Certificate Link

- **Google Cloud Essentials**
  - **QwikLabs**
  - September 2020
  - Certificate Link

- **Google Cloud Baseline: Infrastructure**
  - **QwikLabs**
  - September 2020
  - Certificate Link

- **SysAdmin on AWS for Windows**
  - **QwikLabs**
  - September 2020
  - Certificate Link

- **AWS Deployment and Management**
  - **QwikLabs**
  - September 2020
  - Certificate Link

- **AWS Solutions Architect - Associate**
  - **QwikLabs**
  - September 2020
  - Certificate Link

- **Serverless Web Apps Using Amazon MongoDB**
  - **QwikLabs**
  - September 2020
  - Certificate Link

- **AWS Website & Web Apps**
  - **QwikLabs**
  - September 2020
  - Certificate Link

- **Serverless Design with AWS Lambda**
  - **QwikLabs**
  - September 2020
  - Certificate Link

Certificates

- **Cloud Engineering with Google Cloud Specialization**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **Architecting Hybrid Cloud Infrastructure with Anthos Specialization**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **Architecting with Google Compute Engine Specialization**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **Networking in Google Cloud Specialization**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **Reliable Google Cloud Infrastructure: Design and Process**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **Networking in Google Cloud: Hybrid Connectivity and Network Management**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **Architecting with Google Kubernetes Engine: Workloads**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **Architecting with Google Kubernetes Engine: Production**
  - **Google Cloud & Coursera**
  - August 2020
  - Certificate Link

- **Architecting with Google Kubernetes Engine: Foundations**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **Google Cloud Platform Fundamentals: Core Infrastructure**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **Essential Google Cloud Infrastructure: Foundation**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **Hybrid Cloud Service Mesh with Anthos**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **Google Cloud Product Fundamentals**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **Elastic Google Cloud Infrastructure: Scaling and Automation**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **Essential Google Cloud Infrastructure: Core Services**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **Preparing for the Google Cloud Associate Cloud Engineer Exam**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **Networking in Google Cloud: Defining and Implementing Networks**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **Hybrid Cloud Infrastructure Foundations with Anthos**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

Certificates

- **Hybrid Cloud Multi-Cluster with Anthos**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **G Suite Security**
  - **Google Cloud & Coursera**
  - June 2020
  - Certificate Link

- **Cybersecurity Compliance Framework and System Administration**
  - **IBM & Coursera**
  - August 2020
  - Certificate Link

- **Getting Started with Application Development**
  - **Google Cloud & Coursera**
  - July 2020
  - Certificate Link

- **Introduction to Cybersecurity Tools & Cyber Attacks**
  - **IBM & Coursera**
  - July 2020
  - Certificate Link

- **Cybersecurity Roles, Processes & Operating System Security**
  - **IBM & Coursera**
  - July 2020
  - Certificate Link

- **Cybersecurity Compliance Framework & System Administration**
  - **IBM & Coursera**
  - July 2020
  - Certificate Link

- **Introduction to Cybersecurity for Business**
  - **University of Colorado System & Coursera**
  - July 2020
  - Certificate Link

- **Detecting and Mitigating Cyber Threats and Attacks**
  - **University of Colorado System & Coursera**
  - June 2020
  - Certificate Link

- **Proactive Computer Security**
  - **University of Colorado System & Coursera**
  - June 2020
  - Certificate Link

- **Cyber Threats and Attack Vectors**
  - **University of Colorado System & Coursera**
  - June 2020
  - Certificate Link

- **Programming for Everybody (Getting Started with Python)**
  - **University of Michigan & Coursera**
  - June 2020
  - Certificate Link

- **Introduction to Data Science in Python**
  - **University of Michigan & Coursera**
  - June 2020
  - Certificate Link

- **Using Python to Access Web Data**
  - **University of Michigan & Coursera**
  - June 2020
  - Certificate Link

- **Capstone: Retrieving, Processing, and Visualizing Data with Python**
  - **University of Michigan & Coursera**
  - June 2020
  - Certificate Link

- **Python Data Structures**
  - **University of Michigan & Coursera**
  - June 2020
  - Certificate Link

- **Business Analytics for Decision Making**
  - **University of Colorado Boulder & Coursera**
  - June 2020
  - Certificate Link

- **Learn to Program: The Fundamentals**
  - **University of Toronto & Coursera**
  - July 2020
  - Certificate Link

STRENGTHS

Hard-working   Persuasive   Consistency

Motivator & Leader   Believer

LANGUAGES

- **English**   ○ ○ ○ ○ ○
- **Hindi**   ○ ○ ○ ○ ○
- **Punjabi**   ○ ○ ○ ○ ○

INTERESTS

Artificial intelligence   Robotics   Mathematics

Cloud computing   Chess