

Hi! I am Avinash Kumar Mishra and you are looking at my portfolio. This webapp is created or built in a python framework called Streamlit.

Avinash Kumar Mishra's RESUME or CV Details are in the following .

Avinash Kumar Mishra is an aspiring Cloud Data Engineer with approximately 1 year of work experience as a Full Stack Ruby on Rails Developer. Although Avinash is majorly interested in Data Engineering role, I am also looking for high paying Data Analyst roles in the market. There is no notice period for Avinash since he is not associated with any company as of now. So he can join as soon as possible. Avinash is a blogger too who writes what happening around Data these days and. Everyone can check Avinash's blogs on his profile on Medium (<https://medium.com/@avinashhkumarmishraa>) where he shares with the world everything he learns and practice. He also worked as a Data Science & Research Intern for more than 8 months with hands on experience in Data Collection, Data Preprocessing, Exploratory Data Analysis, Machine Learning, Natural Language Processing and Deep Learning.

First thing first, let me brief you about AVinash's Skills & Tools which he has worked upon and he thinks he is pretty good at. So his skills are Data Engineeirng, Data Modelling, SQL (Structured Query Language), RDBMS, Cassandra, Python, Numpy, Pandas & Big Data technologies like Hadoop, MapReduce, Hive, Apache Spark and Cloud technologies (mostly AWS - Amazon Web Services). Now coming to Full Stack Software development, he is also good in Ruby on Rails framwork, MVC (Model View Controller) architecture, MySQL Database and Version Control System like GIT. Although he has mostly worked as a Backend Developer working with Application Programming Interface (APIs), but he also have hands on experience on HTML, CSS, Javascript, JQuery & Ajax.

Now let's talk about Avinash Kumar Mishra's Work Experience or Proffessional life in details. Avinash got an internship in Jan 2021 in his Final Semester of M.Tech at Punjab Engineering College Chandigarh. It was a Delhi based EdTech company called CL Educate. He joined there as a Data Science & Research Intern. During his initial days in internship at CL Educate, he used to do Sales Data Analysis and Visualizations using powerBI, Matplotlib and Seaborn. He admits he was lucky to directly get their sales data to do diagnostic analysis and draw insights about product performance, lead conversion of each product, overall sales trend, etc. Then after 2 months, he got an awesome problem statement to work upon. This was project 1. This project was about building a Prediction Model for Automated Robot Interview System. Let's understand this in details. So this Automated Robot Interview System project aimed to build a computational framework (Digital Assessment & Virtual Hiring Platform) to take audio-visually recorded interviews of a pool of candidates and score them on various HR related behavioural

attributes like Communication, Confidence, Stresslessness, Adaptability, Attentiveness, etc and then predict the overall Hireability of the interviewee(s) as to whether he/she/they are *Hireable / Not Hireable / Can be Considered*. He was alone with his mentor on this. So right from literature survey to gathering data to get it labelled by HR Experts to building the prediction model to prototype presentation, he was deeply involved in the process. Let me explain the project steps of Automated Robot Interview System to give an overall understanding.

1. Data Collection (1 video for each of the 300 candidates & the average length of videos is 2.4 minutes)
2. OpenFace for Facial Feature Extraction
3. Librosa, pyAudioAnalysis & OpenSmile for Audio Feature Extraction
4. Google Cloud Speech to Text API for Transcription
5. LIWC & BERT used for Lexical Feature Extraction & Word Embeddings
6. Performance metrics through IBM Watson Personality Insights API & IBM Watson Tone Analyser API
7. Text Similarity Analysis using OpenAI Large Language Model
8. Prediction Accuracy = 78.47%
9. The code used in this video can be found at my [GitHub Repository](https://github.com/AvinashhMishraa/Automatic_Remote_Interviewing) (https://github.com/AvinashhMishraa/Automatic_Remote_Interviewing)

During his internship, Avinash Kumar Mishra also Won **National Runners-Up** position in **EvueMe-WAIN Innovation Challenge** (<http://www.wainconnect.com/asia/evueme-innovation-challenge.jsp>) which was similar to the problem statement he was working on.

Amidst all the chaos due to Covid's 1st wave in India, he then joined a healthcare based Indian startup called Myupchar as a Full Stack Ruby on Rails Developer on November 3, 2021. The key skills involved in Avinash's day to day work there was Ruby On Rails, MySQL, HTML, CSS, Javascript, jQuery and Ajax. Avinash got introduced to Agile methodology there. Besides fixing bugs and feature enhancements most of the times, Avinash Kumar Mishra would like to mention specially 2 major projects. The first project was around building a kind of Stock Checker module for checking the medicine stock across various sellers and integrate it with order handling. And the 2nd project was regarding Prescription Generation wherein the objective was to build a report making mechanism for customers taking doctor consultancy service.

After a couple of months, He joined Experience, a US based company which superenhances not only visibility but overall online experience of clients worldwide in terms of their reputation,

customer & employees. He joined it as a Level 2 Backend Ruby on Rails (ROR) Developer. His day to day work was working with database and creating APIs for the front end team. Coming to major projects upon which Avinash Kumar Mishra worked there, it was something that was called Hierarchy Uploader. This Hierarchy Uploader project involved building an API for bulk uploading data and populating it in a multilevel tier and user hierarchy (tree type structure) which made the onboarding and both intra-inter level movement of employees of our client companies easier. The 2nd major project was regarding Filtering & Reporting of Reviews which involved building APIs for filtering by abusive reviews, ratings and hierarchy. I also worked on APIs for building hierarchy based reports on customer reviews.

Frankly speaking, Avinash KumarMishra was not enjoying Software Development as much as he expected during his college days. Also later Avinash realised it was not as interesting as the kind of challenging yet motivating work he used to do during my internship involving Data Analysis, Data Pipelining and Data Science. Also the fact that Avinash KumarMishra was laid off during those covid times forced him to rethink his career choice. He tried his hands in personal business for 1 and a half year. Avinash felt it was too repetitive and boring and also not that challenging. However, he learnt a lot in those days, the business aspect of things. Avinash Kumar Mishra has now realised to heavily upskill himself into Data specialised skills and make my career out of it. If he has to tell what he am doing these days, he would say just look at his Projects and Blogs. Avinash Kumar Mishra is working hard in creating Projects and writing Blogs these days. He is determined to break through in the industry as a Cloud Data Engineer. Avinash Kumar Mishra loves making Data pipelines, analysing Data and apply some Machine Learning on it. Avinash is a problem solver and he believes he can use any tools and technology to get the work done. Even this chatbot assistant is just a proof of his concept.

Now let's understand about his Personal Information. He is from Kolkata, West Bengal. Avinash Kumar Mishra loves to introduce himself as a Cloud Data Engineer. Avinash pursued his Metriculation (10th or X examination) from Kanchrapara Harnett English Medium School which is CBSE affiliated in the year 2009. He had got 87.6% in his Metriculation (10th). Later he did his Intermediate (12th or XII) from Guru Nanak Public School, Kota, Rajasthan. Now let us come to important section. Avinash Kumar Mishra has pursued his graduation in Bachelors (B.Tech) in Computer Science & Engineering (CSE) discipline with 8.27 marks in the passout bath of 2016 from DIATM (Durgapur Institute of Advanced Technology & Management) which comes under MAKAUT (formerly known as WBUT). He also qualified GATE and has done his Masters (M.Tech 2018-2020) in Computer Science & Engineering from Punjab Engineering College Chandigarh with 8.07 CGPA. Avinash KumarMishra is a problem solver. Avinash Kumar Mishra's strength is that he is a quick learner. However his weakness is procrastination. After a number of life lessons, Avinash is now going to conquer time management skills too along with technical skills.

However, Avinash's prime focus now a days is to practice core Data Engineering skills and Cloud. He practices SQL & Data Structures and Algorithms in Python everyday. Avinash will apply after 3 months.

Avinash Kumar Mishra's EMAIL or GMAIL ID is avinashhkumarmishraa@gmail.com. Avinash Kumar Mishra's LinkedIn Account ID is <https://www.linkedin.com/in/avinashkrmishra/>. Avinash Mishra's Github ID is <https://github.com/AvinashhMishraa>. Anyone can get his mobile number too from his resume which can be downloaded from the sidebar of this portfolio app.