

Prikshit Singla

Punjab, India

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Skills

- Python | SQL | Big Data | Hadoop | Hive | Sqoop | Hbase | Spark | Pyspark | Kafka | Airflow | Git
- Data Structures | Data Science | Machine Learning | Deep Learning | Tensorflow | AWS | Azure | Snowflake
- Fast API | Docker | Distributed Systems | Backend | English, Hindi—All professional proficiency or above

Experience

Gemini Solutions (Software Engineer)

Panchkula, India

08/2022 - Current

- Automated the task of portfolio creation from mail files by creating an ETL pipeline using **AWS** and **Python**. Thus, reducing the portfolio creation time by **80%**.
- Developed Python applications for portfolio managers and trading floors, collaborating with quantitative analysts to deliver end-of-day risk assessments for portfolios with a combined value of **\$200 billion**, along with portfolio optimization tools and sentiment analysis.
- Revolutionized project efficiency by implementing Delegation functionality with a proprietary **algorithm**, drastically reducing project delivery time by up to **60%**
- Pioneered the integration of **Real-Time Notifications** and **Role-based activity logout** in the application by creating it from scratch, leading to substantial cost savings of up to **5%** by eliminating the need for Redis.
- Enhanced data security up to **40%** by migrating application secret keys to **AWS Secret Manager** for improved access control.

Gemini Solutions (Technical Intern)

Panchkula, India

01/2022 - 08/2022

- Created **RESTful** APIs, optimized **SQL** queries for improved website responsiveness, improving the efficiency of product by **25%**
- Devised Python-based web application using the **Fast API** framework, revolutionizing the skilled workforce outsourcing process for organizations; optimized operations, resulting in a time savings of **150+** hours per month.

Quikr (Data Science Intern)

Bengaluru, India

08/2021 - 01/2022

- Engineered a **Named Entity Recognition Model** tailored for the **Resume Parsing System** for **Quikr Jobs**, enhancing automated information extraction and processing. Reducing the job application applying time by **60%**
- Applied **machine learning** techniques to develop a precise **Used Car Price Prediction Model** for the **Quikr Cars Platform**, optimizing pricing strategies and customer interactions, increasing number of ads by **5%**

Saaspect (Data Science Intern)

Remote, India

03/2021 - 06/2021

- Architected a highly effective **Recommender System** to enhance user engagement for Ecommerce Website.

Education

Bachelor of Engineering

Chitkara University

Rajpura, Punjab, India

08/2018 - 07/2022

- CGPA 9.66

Projects

- **UBER Taxi Analysis Pipeline:** Big data pipeline performing data analytics on Uber data using technologies including **GCP Storage**, **python**, **Compute Instance**, **Mage Data Pipeline Tool**, **Big Query** and **Looker Studio** (<https://rb.gy/tl61p>) (05/2023)
- **Customer 360 Pipeline:** Big Data Pipeline that extracts data from S3 Bucket, processes it and alerts the team about data being loaded using tools **AWS**, **Docker**, **Spark**, **Hive**, **Athena**, **Airflow**, **S3** (<https://rb.gy/rsbjg>) (02/2023)
- **Eyantra Robotics Vargi Bot:** A simulated robot was designed based on the theme which can help in calamities to intelligently ship the necessary items. It was developed using **ROS**, **Python**, **Computer Vision** ([YouTube Playlist](#)) (03/2021)

Certifications

- **Big Data Engineer Master's Program:** A comprehensive 6 months industrial training on Big Data ([Certificate](#)) (12/2021 - 04/2022)
- **Imarticus Data Science Program:** 6 months data science industrial training by Imarticus Learning ([Certificate](#)) (01/2021 - 04/2021)
- **Databricks Lakehouse Fundamentals:** Cleared Databricks Data Lakehouse Fundamentals Exam. ([Certificate](#)) (09/2022 - 09/2023)

Accomplishments

- **Eyantra Robotics Competition 2020-2021:** Got into the top 100 teams in IIT Bombay Eyantra Robotics Competition 2020-2021.
- **Huawei ICT 2019-2020:** 1st at Huawei ICT Country Finals 2019 Participated at Asia-Pacific Huawei ICT 2019-2020
- **Imarticus Data Science Hackathon:** Got First place in Data Science Hackathon organized by Chitkara University and Imarticus
- **Kaggle 30 days ML Competition:** Got a rank in top 4% in Kaggle's 30 Days of ML competition

Research

- **Patent:** Filed a Patent (patent no: 201911028234) under Chitkara University Research and Innovation Network at Chitkara University