

EXECUTIVE SUMMARY

An **Expert Data Scientist and AI developer** with ~5+ years of experience developing enterprise business insights, Computer Vision, and Natural Language solutions for businesses. Develop predictive models for sale business and computer vision models for automation like robots and bots. Managed end-to-end projects and teams with adaptive, collaborative, and excellent communication skills.

FUNCTIONAL EXPERTISE

- **Machine Learning / Deep Learning**
- **DevOps (AWS, GCP, Docker)**
- **Database Management**
- **Forecasting and Data analysis**
- **Project Management**
- **Managing Teams**

FUNCTIONAL EXPERTISE DEMONSTRATED

Upwork/Linkedin (Remote)

May 2020 – Now

Upwork is one of the largest freelancing platforms, while Linkedin is the largest social professional connecting platform.

Data Scientist

Help businesses make insightful decisions by leveraging state-of-the-art Machine Learning, Deep learning models.

- **AI Auto Invoice Processing:** A sophisticated AI project utilizes deep learning and computer vision to automate invoice processing, detect the tabular structure of (any format) invoices, and generate CSV output. This project will be used by hundreds of thousands of customers and is expected to provide instant processing results. One of the unique aspects of this project is the use of sophisticated technology, which competitors do not offer. I developed and managed the entire AI aspect of the project without using any paid third-party tools.
- **Data Scientist for Video Game Analysis:** I am working on a project in a data scientist role to analyze various aspects of big companies such as **Sony Playstation**, Ubisoft, EA, and Activision (though I cannot disclose many details). My team is responsible for ETL, data processing, generating figures, creating a web interface for viewing all analyses with a one-click convenience, and managing team projects on GitHub and GCP cloud.
- **Stock Exchange Prediction:** Help client, using Deep learning predictive model with implementing N-BEAT forecasting paper with ~90% accuracy and identifying what impacts most, which helps him get insight and better decisions.
- **Collecting Local City Content:** A successfully executed project where I crawl city data from 15+ websites for ~20k+ zipcodes, generating a vast ~15+ tables and ~200,000+ rows of data maintained over the cloud (MySQL, AWS RDS).
- **Collecting Car Marketplace:** An ongoing project where crawl data for cars from 3 websites, generating data of ~15k+ cars, with ~150+ data added daily. I create, manage, monitor, and maintain the complete project.

- **AI Auto Instagram Collage Maker:** [bigwigmonster](#) is the largest printing media in California. App auto generates collages and collects photos directly from the user's Instagram ID, all with a single click using computer vision to determine photo placement on the masked areas like Google Photos AI Collage Maker. The app served ~50K+ users with daily ~500+ daily usage.

MicroKosm

Jan 2019 – Jan 2020

An IT company with 15 employees, and ~500k in monthly revenues, it works with the USA, and UAE businesses for Artificial Intelligence (AI), Business Intelligence (BI), and Cloud solutions.

Asst. Data Scientist

As an assistant, I help manage the execution of the highest-priority projects and work closely.

- **Forecasting and Data analysis:** Help build insight with Python and PowerBI for clients from the USA, UAE, and Germany. Build insights for [Telenor Telecommunication Company](#) with their 4 months of data.
- **Database Management/DevOps:** Responsible for managing, monitoring, auditing, and building reports for databases hosted over the cloud (AWS, GCP) and locally and adding scripts to ingest changes.
- **Machine Learning / Deep Learning:** Help enable forecasting and prediction with various Machine learning and deep learning models for Regression, classification, and Computer vision.

RELEVANT PROJECTS

Biometric Iris Recognition Security System: Working with a firm, responsible as an individual AI developer from idea to product. I designed, managed, and developed a complete Biometric solution using Dr. John Daugman Algorithm (developed for the Army during the Afghan war) that couldn't come to market because of corona outrage. (March 2020)

EDUCATION

Bachelor of Engineering (Avionics Engineering). [The Superior University](#) (Lhr, Pk)

Additional Professional Development (4 maximum):

- [TensorFlow Developer Certificate in 2022: Zero to Mastery](#) (Cert. #: [UC-3b749f86-3c07-4a55-8b02-1ae41179c801](#))– Udemy (2022)

VOLUNTEERISM

Teaching: Help my colleagues learn Python and C++.

OTHER RELEVANT INFORMATION

Additional Languages: Urdu/Hindi (Native)

Technical Skills: Python, Computer Vision, Tensorflow - Deep learning, Scikit-learn - Machine Learning, Data Scraping, Natural Language Processing, NLTK, SpaCy, Tableau, PowerBI, Plotly, C++, Azure, Oracle Cloud, AWS, Docker, GCP, Web development (Flask), API development, Node.js, MySQL, HTML5/CSS3, Github, Trello, Slack, MS Office, Asana, Apache Spark, SQL

Awards: Clubs Communication Head —University's Student Club (2019)