Kushal Chordiya

Software Developer & Data Scientist

Focused data science professional well-versed in identifying strategic opportunities to benefit business. Systematic and driven with strong attention to detail and dedication to developing and managing successful analytical processes.

Full stack developer experienced with all stages of building a data science pipeline from data collection and cleaning, ETL, feature selection, iterating models , validating and fine-tuning results, deploying final product as a web service, etc.

Contact

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Skills

Data Science & Machine Learning ●●●●● Excellent

Backend Developer ●●●●● Excellent

Work History

2020-02 - Current

Deep Learning Engineer

Center For Development Of Advanced Computing(CDAC), Pune, Maharashtra

Neural Network Architecture Design, Training and validation for detection pipelines.

- Design and deploy pipelines for Surveillance & Security using state-of-the-art deep learning algorithms for Face detection and recognition.
- Designed pipelines with State-of-the-art mAP (91.4) on publicly available datasets such as WiderFace.
- Pipeline is capable of running real-time efficiency with speeds of upto 35 FPS on GPU powered devices.

2019-07 - 2019-10

Technical Lead

P.I.S.B, Pune, Maharashtra

Technical Lead and Head of DataWiz'19, an online intercollegiate data science competition.

- Collected, cleaned, engineered and analyzed data sets for online competition hosted on Kaggle.com
- Setup cloud environments to host organization websites and deploy machine-learning models
- Trained junior developers in several aspects from language basics, to advanced Exploratory Data Analysis using Python.

Data Structures and Algorithms	●●●●● Excellent
Data collection and analysis	●●●●● Excellent
Database management	●●●●○ Very Good
Linux	●●●●○ Very Good
Analytical Skills	●●●●○ Very Good

🖥 Software

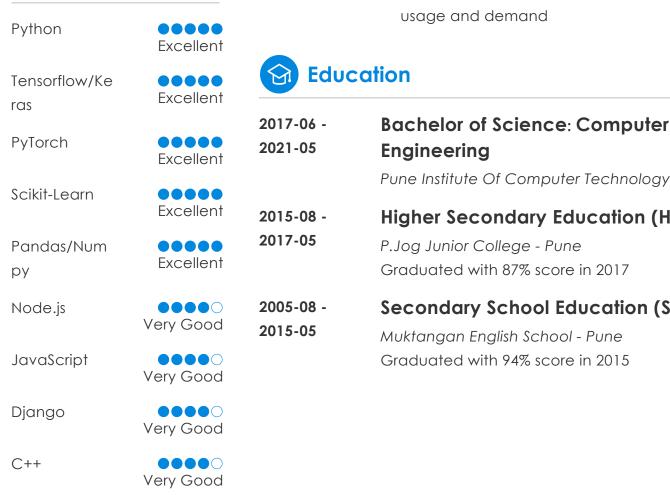| Python	●●●●● Excellent
Tensorflow/Keras	●●●●● Excellent
PyTorch	●●●●● Excellent
Scikit-Learn	●●●●● Excellent
Pandas/Numpy	●●●●● Excellent
Node.js	●●●●○ Very Good
JavaScript	●●●●○ Very Good
Django	●●●●○ Very Good
C++	●●●●○ Very Good

- Lead a team of 30 junior developers for various technical and non-technical tasks.

2019-04 - 2019-06

Backend Developer

Xceed Imagination, Pune, Maharashtra

Backend Developer for web-based automated data backup application incorporating features such as incremental back-up, data de-duplication and end-to-end Encryption.

- Analyzed requirements and designed, developed and implemented software applications.
- Tested websites and performed troubleshooting prior to deployment.
- Developed landing pages, dashboard, usage statistics and report generation using MongoDB, web.py and Python scripting.
- Application was able to asynchronously analyze upto 10 GBs of data to provide insights about usage and demand

🎓 Education

2017-06 - 2021-05

Bachelor of Science: Computer Engineering

Pune Institute Of Computer Technology - Pune

2015-08 - 2017-05

Higher Secondary Education (HSC)

P.Jog Junior College - Pune
Graduated with 87% score in 2017

2005-08 - 2015-05

Secondary School Education (SSC)

Muktangan English School - Pune
Graduated with 94% score in 2015

MongoDB ●●●●○ Very Good

MySQL ●●●○○ Good

Java ●●●○○ Good