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LUCA SONCIN

PYTHON - SQL

I have worked for 10 years as a Mechanical Design Engineer at leading companies across Europe covering Senior-level positions and managing Junior resources for some projects.
Since in the past years my inclination and interest in data kept growing, I've decided to become a professional Data Engineer by acquiring most of the core skills for such a role and implementing them with all the knowledge already gained from my previous experiences.

SKILLS:

- Python 3 (NumPy, Pandas)
- SQL
- PyCharm
- MySQL Workbench 8.0
- Visual Studio Code
- GIT / Github
- MS Office
- Agile methodology (Jira)
- Team comms (Teams, Slack, Zoom, Skype)

UNDERSTANDING OF:

- Database concepts
- Data pipelines
- ETL/ELT processes
- APIs
- Data visualization
- Cloud platforms (mainly AWS)
- Data warehouses/lakes
- Infrastructure tools

ATTITUDE:

- Commitment to meet deadlines
- Highly numerical and analytical approach
- Proactive and can-do attitude
- Capability to take ownership and responsibility of own work
- Capability of communicating with company's personnel at all levels
- Compliance with company and industry standards
- Team leading (whether needed)
- Ability to host meetings
- Strong personal drive
- Enjoy working with data

EXPERIENCE:

- **Career transition**
  Feb. 2022 - Present

- **Koenigsegg Automotive, SE**
  Jun. 2021 - Feb. 2022
  Senior Design, Research & Development Engineer

- **NTT Data, IT**
  Dec. 2020 - May. 2021
  Product Design, Research & Development and Manufacturing Engineer

- **Gordon Murray Design, UK**
  Jan. 2020 - Oct. 2020
  Senior Mechanical Design Engineer

- **Jaguar Land Rover, UK**
  Jan. 2019 - Oct. 2019
  Design and Development Engineer

- **SM Engineering, IT**
  Aug. 2017 - Dec. 2018
  Mechanical Design Engineer

- **BE Design, IT**
  Jan. 2014 - Jul. 2017
  Mechanical Design Team Supervisor & Lead

- **Bertone, IT**
  Jan. 2012 - Dec. 2014
  Mechanical Design Engineer

EDUCATION:

- English
- Italian
- Spanish (B1)

- Professional Qualification as Mechanical Designer (2012)
- Classes at the Psychological Sciences University (2008) & at Foreign Languages and Literatures University (2007)
- Scientific High School (A-level) Diploma (2006)

EXPERIENCE (detailed):

- *Koenigsegg Automotive, Angelholm, SE (Jun. 2021 - Feb. 2022):*
  - *Project:* Koenigsegg Jesko (sport car limited number production)
  - *Role:* Senior Design, Research & Development Engineer
  - *Responsibilities:* Deliver ready-for-production vehicle parts
  - *Duties:* Grant full ownership of certain vehicle components; develop and maintain components database (on excel spreadsheet); scout and liaise with international suppliers; host meetings and coordinate work between different departments; assist other departments with analysis and documentation; comply with company and industry standards; plan timing and costs.

- *NTT Data, Milan, IT (Dec. 2020 - May. 2021):*
  - *Project:* Vespa Piaggio (Electric scooter prototype)
  - *Role:* Product Design, Research & Development and Manufacturing Engineer
  - *Responsibilities:* Design a mechanical prototype with embedded electronic components
  - *Duties:* liaise with international suppliers; host meetings with different departments; assure manufacturing quality and standards; launch prototype tests; integrate cross-functionality assignments, projects and deliveries; develop pre-project information.

- *Gordon Murray Design, Guildford, UK (Jan. 2020 - Oct. 2020):*
  - *Project:* Gordon Murray's T.50 (ultra lightweight sport car production)
  - *Role:* Senior Mechanical Design Engineer
  - *Responsibilities:* Deliver 3D models with manufacturing readiness
  - *Duties:* Engineer a whole system via 3D tools; liaise with suppliers and different departments; develop and maintain components database (on excel spreadsheet); deliver final files into database and systems.

- *Jaguar Land Rover, Coventry, UK (Jan. 2019 - Oct. 2019):*
  - *Project:* Jaguar E-Type Zero (classic sport car restoration)
  - *Role:* Design and Development Engineer
  - *Responsibilities:* Re-design and develop a mechanical prototype on existing structure
  - *Duties:* Grant full ownership of the project from the Mechanical position; develop and maintain components database (on excel spreadsheet); scout and liaise with international suppliers; host meetings with different departments; assist other departments with analysis and documentation; comply with company and industry standards; produce new design ideas.

- *SM Engineering, Turin, IT (Aug. 2017 - Dec. 2018):*
  - *Project:* Various (Yamaha, Volkswagen, Nissan)
  - *Role:* Mechanical Design Engineer
  - *Responsibilities:* Deliver 3D models with manufacturing readiness
  - *Duties:* Engineer whole systems via 3D tools; liaise with suppliers and different departments; maintain components database (on excel spreadsheet); file name creation and organization; deliver final files into database and systems.

- *BE Design, Turin, IT (Jan. 2014 - Jul. 2017):*
  - *Project:* Various (Mahindra, Alfa Romeo, Thunder Power, Be's electric vehicles)
  - *Role:* Mechanical Design Engineer and Team Supervisor & Lead
  - *Responsibilities:* Deliver 3D models with manufacturing readiness / Guide and supervise Junior team
  - *Duties:* Engineer whole systems via 3D tools; liaise with suppliers and different departments; maintain components database (on excel spreadsheet); file name creation and organization; deliver final files into database and systems. Supervise, guide and teach a junior team; develop a whole vehicle from scratch.

- *Bertone, Turin, IT (Jan. 2012 - Dec. 2014):*
  - *Project:* Koenigsegg Jesko (sport car limited number production)
  - *Role:* Mechanical Design Engineer
  - *Responsibilities:* Deliver 3D models with manufacturing readiness
  - *Duties:* Engineer whole systems via 3D tools; liaise with suppliers and different departments; maintain components database (on excel spreadsheet); deliver final files into database and systems.