



LUCA SONCIN

PYTHON - SQL

Technical proficiency at designing, building, and maintaining ETL pipelines to supports data storage, processing, and analysis.
Knowledge of database technologies and DevOps practices and tools.

CAREER:

- 2023: Career transition from Mechanical Design Engineer to Data Engineer
- 2022: Senior Design, Research & Development Engineer at Koenigsegg Automotive, SE
- 2021: Product Design, Research & Development and Manufacturing Engineer at NTT Data, IT
- 2020: Senior Mechanical Design Engineer at Gordon Murray Design, UK
- 2019: Design and Development Engineer at Jaguar Land Rover, UK
- 2017: Mechanical Design Engineer at SM Engineering, IT
- 2014: Mechanical Design Team Supervisor & Lead at BE Design, IT
- 2012: Mechanical Design Engineer at Bertone, IT
- 2007: Classes at Psychological Sciences University & at Foreign Languages and Literatures University
- 2006: Scientific High School (A-level) Diploma

SKILLS:

- Python
- SQL
- ETL concepts and tools
- DevOps practices and tools
- PyCharm
- MySQL Workbench
- Visual Studio Code
- GIT / Github
- Gitlab
- MS Office
- Agile methodology (Jira)
- Team comms (Teams, Slack, Zoom)

KNOWLEDGE OF:

- Database concepts
- Data pipelines
- Automation
- CI/CD
- 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

LANGUAGES:

- English
- Italian
- Spanish (B1)

EXPERIENCE (detailed):

- *Koenigsegg Automotive, Angelholm, SE (Jun. 2021 - Feb. 2022):*
 - *Project:* Koenigsegg Jesko (sport car limited number production)
 - *Role:* Senior Design, Research & Development Engineer
 - *Main function:* Deliver ready-for-production vehicle components.
 - *Responsibilities:*
 - grant full ownership of certain vehicle components;
 - develop and maintain component 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
 - *Main function:* Design a mechanical prototype with embedded electronic components.
 - *Responsibilities:*
 - 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
 - *Main function:* Deliver 3D models with manufacturing readiness.
 - *Responsibilities:*
 - 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
 - *Main function:* Re-design and develop a mechanical prototype on existing structure.
 - *Responsibilities:*
 - 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
 - *Main function:* Deliver 3D models with manufacturing readiness.
 - *Responsibilities:*
 - 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.

EXPERIENCE (detailed):

- *SM Engineering, Turin, IT (Aug. 2017 - Dec. 2018):*
 - *Project:* Various (Yamaha, Volkswagen, Nissan)
 - *Role:* Mechanical Design Engineer
 - *Main function:* Deliver 3D models with manufacturing readiness.
 - *Responsibilities:*
 - 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
 - *Main function:* Deliver 3D models with manufacturing readiness / Guide and supervise Junior team.
 - *Responsibilities:*
 - 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
 - *Main function:* Deliver 3D models with manufacturing readiness.
 - *Responsibilities:*
 - 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.