

DEVANSH D. SHARMA

+33 07 69 94 05 38 — devanshdsharma@gmail.com

www.DevanshDSharma.com — linkedin.com/in/devansh-d-sharma

———— EU Blue Card Work Permit Holder - Valid until 2028 ————

Python Automation Expert — Google Sheets/Excel Specialist — Data-Driven Analyst

Tech R&D Leadership Expert — Experimentation & Innovation Leader



EXPERIENCE

AUTO1 GROUP

Mar 2019 – Jan 2025 @ Paris, France

★ *Senior Data Analyst & Technical Product Manager*

Jan 2022 – Jan 2025

Expertise Practiced: End-to-end project lifecycle management — Business analysis — IT-business alignment — Process automation — Risk management — Data Governance & compliance

- **Business Requirement Gathering & Documentation** – Structured business needs into functional specifications, ensuring clarity and reducing back-and-forth with IT teams by **60%**.
- **Worked closely with Finance & Accounting Department** - created tools for **Invoice generation, Fraud detection, Car loan approval** to ensure 100% compliance of local & international regulations.
- **Automation & Project Delivery: Developed and deployed 100+ Selenium Browser-automation scripts & RESTful API based tools in Python, *cutting manual workload by 90%*.** Boosted productivity, ensured **100% GDPR compliance**, and alignment of tech with business goals.
- **Risk Management, Post-Deployment Project Support & High Stakes Server Management** - *Single-handedly ensured 99.999% uptime for 1000+ daily users* across various product ecosystems by proactively monitoring and addressing risks, preventing outages and performance issues in critical business processes.
- Optimized Auto1 France's data warehouse usage — *cut daily compute usage by 51%, reducing costs while maintaining high data quality*. Collaborated with data engineering for custom datamart creation, row level security to ensure appropriate data access for each user.
- Led in-house technical R&D & product development, provided strategic counsel to local directors — **aligning country-level business goals with Auto1 Group's global vision**.
- Oversaw hiring, mentoring, & performance evaluation — **built a high-performing team & fostered technical excellence**.

★ *Data Analyst*

Sept 2019 – Dec 2021

Expertise Practiced: Business process optimization — Requirement analysis — IT-business mediation — BI project execution — Agile development

- **Functional Specifications & Implementation** – Translated business needs into structured functional documents, enabling effective deployment of IT solutions.
- **Governance & Stakeholder Management** – Led steering committees and **data & project risk assessments**, ensuring smooth project execution.
- **Engineered automation solutions:** browser bots, web scrapers, & workflow optimizers (SMS & email campaigns, bidding bots, Google reviews & rating monitoring, logistics ordering & tracking). — ***Saved 11 FTE per month***.
- **Developed a cloud-based data pipeline using Python for updating dashboards**, maintaining **700+** dashboards, performing **3000+** updates every day, improving organizational decision-making. — ***Saved 15 FTE per month***.
- **Designed and deployed 5 high-impact Django web applications** — automated PDF contract generation and generated SQL-based recommendations matching cars to merchants. — ***Generated 150 000+ contracts, cut processing time from 45 min to 6.5 sec, & analyzed 12-month merchant history to generate high quality car-merchant match recommendations***.
- **Organised workshops to teach Google Sheets, Excel, & SQL** to non-technical staff, establishing a data-driven culture with improved autonomy. — ***Highest-rated workshop in Auto1 Group(5★ rating from 75+ participants.)***

★ *Data Analyst Internship: — Final grade 18/20.*

Mar 2019 – Aug 2019

Expertise Practiced: Process improvement — Cost reduction — IT transformation — Data-driven decision-making

- **Testing & Quality Assurance** – Designed and validated test cases before deployment, **removing post-deployment defects in a critical car auctioning process**.
- Co-authored the new logistics algorithm – ***reduced per car transport cost by 20.44%***.
- Created reports using Google Sheets for monitoring merchant's activities such as watchlists, views, purchases, and bids and car pricing performance.
- Migrated **20+** Excel-VBA tools to Python & Google Apps Script, introducing automation and eliminating less secure VBA code. — ***Enhanced security and streamlined workflows across the company***.

EDUCATION

École Pour l'Informatique et les Techniques Avancées(EPITA)
M.Sc. in Computer Science - Specialized in Data Science & Analytics

Paris, France
Mar 2018 – Aug 2019

Jaipur Engineering College & Research Center University
B.Tech in Electrical Engineering

Jaipur, India
Jun 2013 – Jul 2017

MOOCs STUDIED

MIT OpenCourseWare 6.034 Artificial Intelligence
Tableau 20 Advanced Training: Master Tableau in Data Science
Introduction to Finance, Accounting, Modeling & Valuation

TECHNICAL EXPERTISE

Code Tools: Python, Google Apps Script (JavaScript), Django, MySQL, Amazon Redshift SQL, HTML/CSS, L^AT_EX
Data Tools: Tableau, Microsoft Power BI, Datawrapper, Excel, Google Sheets, Powerpoint, Google Slides
Developer Tools: Jupyter Notebooks, Sublime Text, PyCharm, AWS & Linode Cloud, PuTTY, FileZilla, Postman
Packages: Google's Python APIs(Sheets, Places, Drive, etc.), Selenium, Pandas, Seaborn, Matplotlib, Folium, Requests
Operating Systems: macOS, Windows, Ubuntu(Linux)

SOFT SKILLS

Languages: English (IELTS Certified C2), French (TFI Certified C1), & Hindi(Native)
Interpersonal Skills: Adaptability, Clear communication, Cross-cultural collaboration, Decision making, Problem-solving, Product & Project management, Stakeholder management, Team leadership, Teaching, Time management.

HOBBIES

Growing Plants, Playing & Teaching Guitar, Competitive Guitar Playing - winner of #1 Guitarist in India - 2017, Motorcycle Riding(Currently taking permit A2 lessons), Learning about psychology & human nature, Volunteering for social causes - Currently serving as the head moderator of an online support group having 10K people.

REFERENCES

- **David Muhlberger, Director Retail @ Autohero France:** *"Devansh delivered innovative solutions that cut manual work by up to 90% while also improving accuracy."*
- **Joffrey Dorchy, Head of Customer Services & Experiences @ Autohero France:** *"Devansh anticipates business concerns while building technical solutions perfectly aligned with needs."*
- **Xiahua Wang, Senior Data Analyst @ Auto1 Group:** *"Devansh worked independently and took the initiative to launch and build our cloud infrastructure from scratch and set up numerous automation services. His efforts transformed our workflows and significantly improved work efficiency. His dedication and ability to adapt are truly commendable."*

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