KARTIK SHARMA

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EDUCATION

MASTER IN MANAGEMENT   **Heilbronn, DE**
Technical University of Munich   *Oct 2023 – Ongoing*

- Curriculum includes Strategic and International Management, Asset Management, Management Science, Production & Logistics, Investment and Financial Management.

BACHELOR OF TECHNOLOGY – AUTOMOBILE ENGINEERING   **Chennai, IN**
SRM Institute of Science & Technology   *Jun 2016 – May 2020*

PROFESSIONAL EXPERIENCE

AUTOMOTIVE CONTENT WRITER   **Gurugram, IN**
CarHP, Collegedunia Web   *Oct 2022 – Sept 2023*

- Website SEO, content ideation and creation, contributing to a 725% increase in organic traffic, monthly statistics growing from 200k to 1.65 million.
- Utilized Excel for analyzing content performance and preparing management reports to support strategic decisions.

DESIGN ENGINEER   **Chennai, IN**
Dukane Intelligent Assembly Solutions   *Sep 2021 – Aug 2022*

- Engineered advanced assembly tools for automotive thermoplastic operations.
- Collaborated with international teams in Asia, Europe, and North America, to execute design projects.
- Organized and led client meetings to present design innovations and project progress using PowerPoint presentations, while honing client management skills.

DESIGN ENGINEERING INTERN   **Chennai, IN**
Dukane Intelligent Assembly Solutions   *Mar 2021 – Aug 2021*

- Gained knowledge in innovative assembly solutions, with a strong focus on the design engineering process.
- Utilized prototype building knowledge in the design process of thermoplastic welding machines.

ONLINE RELATIONS AND MARKETING EXECUTIVE   **New Delhi, IN**
Boat (Imagine Marketing Ltd.)   *Sep 2020 – Feb 2021*

- Collaborated with cross-functional teams to align social media, content creation, and digital advertising exercising relationship management skills.
- Exhibited Analytical skills in data driven consumer segmentation and campaign building, using SQL and Python.
- Developed interactive data dashboards, enabling strategic and managerial teams to quickly extract actionable insights for decision-making.

PROJECTS

AI IMPLEMENTATION COST-BENEFIT STUDY
W. Gessmann GmbH & Technical University of Munich   *Jul 2025 – Oct 2025*

- Analyzed ROI and feasibility for three AI applications in SME manufacturing using financial modeling, market research, and risk assessment.
- Delivered strategic recommendations supported by technical, operational, and economic evaluation.
- Built financial and ROI models in Microsoft Excel, including CAPEX/OPEX estimation, payback period, and feasibility scoring.

BLOOMBERG TRADING CHALLENGE
Technical University of Munich   *Oct 2024 – Nov 2024*

- Developed and executed diversified investment strategies utilizing technical and fundamental analysis to optimize portfolio performance.
- Developed a Risk-Variance based Value at Risk (VaR) model to calculate predictive returns for investment horizon based on historical performance of assets.
- Monitored and analyzed market trends, asset correlations, and risk metrics, achieving competitive returns while adhering to risk management principles.
- Achieved the 1st rank in Germany with an absolute return of $121,597 on the investment of $1,000,000 over the 6-week timeframe.

DUKANE NRG LASER WELDING MACHINES
Design Engineer - Dukane Intelligent Assembly Solutions   *Nov 2021 – June 2022*

- Led the development of Dukane's flagship NRG series Laser Welding Machines.
- Collaborated with international teams for machine construction in Illinois, USA and Bielefeld, DE.

HIGH-EFFICIENCY VEHICLE PROTOTYPE
Infieon Supermileage at SRM Institute   *June 2017 – May 2020*

- Designed and fabricated IC prototypes aimed at achieving high fuel mileage.
- Managed the powertrain department in implementing KERS hybrid powertrain.

CERTIFICATES

Bloomberg Market Concepts ([Certificate](#))
Bloomberg

- Curriculum included Financial markets, Asset valuation, and Risk analysis through Bloomberg Terminal training, and delved into portfolio management strategies.

Understanding Financial Markets ([Certificate](#))
University of Geneva (Collaboration with UBS)

- Acquired in-depth knowledge of equities, fixed income, and derivatives, analysing global market dynamics and real-world case studies with insights from UBS experts.

Excel Skills for Business ([Certificate](#))

- Gained proficiency in advanced Excel functions, including data analysis, Pivot tables, VLOOKUP, and Macros, for efficient problem-solving and reporting.

Discounted Cash Flow Valuation ([Certificate](#))

- Developed advanced financial modelling skills, learned valuation techniques, forecasting, and 3-statement integration.

SKILLS

Languages: English (Native), German (Basic)
Financial Tools: Bloomberg Terminal
Data Analytics: Power BI, Tableau, Google Analytics & Keyword Planner, SEMrush
Database Skills: MySQL Workbench, SQL
Office Software: MS Excel, MS PowerPoint, MS Access
Other Interests: Football (Team Member – TSG Heilbronn), Music, Chess