SHIVKUMAR DEVANE

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Portfolio Link   **LinkedIn**   **GitHub**

Data Analyst with hands-on experience in Python, SQL, Linux, and AWS. Built live dashboards and handled real datasets (e-commerce, Stock Market, Crypto). Led student teams and technical initiatives. Seeking entry-level analyst roles to deliver actionable business insights.

EDUCATION

BTech (Bio-Technology) Minor (Computer Science)	2022-2026	Delhi Technological University, New Delhi	6.5 CGPA
CBSE (Class XII)	2022	D.A.V. Centenary Public School, Narela, New Delhi	92.8%
CBSE (Class X)	2020	D.A.V. Centenary Public School, Narela, New Delhi	96.4%

EXPERIENCE

Deloitte Australia | Data Analytics Virtual Internship   **July 2025**
- o   Completed a data analytics and forensic technology simulation focused on structured data analysis, data quality assessment, and insight generation using Python and spreadsheets.

Soul AI | Freelance — Engineering & Evaluation (Project Pluto)   **August 2025 – Sept 2025**
- o   Utilized analytical reasoning and statistical evaluation to identify patterns, assess AI output accuracy, and inform prompt refinements, leading to a 15%-20% improvement in model efficiency.

TickerTactics | Data Analyst Intern   **Sept 2025 – December 2025**
- o   Worked directly with the founding and engineering teams to design, scale, and maintain **Python-based market data processing systems** for equities, crypto, futures, and options.
- o   Developed **scalable data ingestion and transformation pipelines** on **AWS EC2**, leveraging **bash scripts, Linux shell commands, and cron jobs** for automation and reliability.
- o   Optimized large-scale financial datasets by converting raw API outputs into **columnar Parquet formats**, improving downstream query and analysis performance by ~40%.
- o   Built **data validation, reconciliation, and integrity-check modules** to ensure correctness across multiple trading APIs (ICICI Breeze, Upstox, Dhan, Binance).
- o   Used Jupyter Notebooks for rapid prototyping, debugging, and performance benchmarking before migrating workflows to production scripts. Collaborated on research and system improvements for **trading strategy evaluation**, focusing on performance, data consistency, and scalability.

ACADEMIC PROJECTS

- **Project 1**: ShopAffordable – E-commerce Platform | (Link)   (Python, HTML, CSS, MySQL, PowerBI)
  Developed an e-commerce platform with real-time inventory management. Analyzed sales and customer data to optimize recommendations and visualized key metrics in Power BI.
- **Project 2**: Real-Time Market Data Analysis & Visualization Platform | (Link)   (Python, JavaScript, Lightweight Charts, Data Processing, Data Visualization)
  Built a real-time **intraday market analytics platform** to process and visualize high-frequency crypto data across 1m, 5m, and 15m intervals. Engineered data pipelines to detect whale transactions using threshold-based statistical filtering and converted Level-2 book depth into visual heatmaps to identify intraday liquidity zones, support, and resistance levels. Aggregated multi-asset price, volume, and 24h metrics into a unified analytical dashboard for actionable market insights.
- **Project 3**: WITA Aircraft Journal | (Link)   (Python, Plotly, Pandas, Numpy)
  Built a data analysis tool for managing and visualizing 800+ aircraft records with search and statistical insights.
- **Project 5**: United Airlines – Flight Difficulty Score Analysis | (Link)   (Python, SQL, Pandas, Matplotlib)
  Developed a data-driven model to quantify flight difficulty using flight, passenger, and baggage data from ORD airport. Performed EDA, built a scoring framework to classify flights as Easy, Medium, or Difficult, and identified operational factors driving delays for proactive resource planning.

TECHNICAL SKILLS

Category	Skills & Tools
Programming & Systems	Python, C++, SQL, Linux, Bash scripting, Shell automation
Computer Science Fundamentals	Data Structures & Algorithms, Object-Oriented Programming, Database Systems
Backend / Infrastructure	AWS (EC2, S3), Git, Cron Jobs, REST APIs
Specialization	System Design, UI/Frontend Development, Applied Econometrics
Non-Tech Skills	MS Excel, MS Word, Canva (Advanced), Jira, Figma, GenAI

COMMUNITY DEVELOPMENT & SOCIAL WORK

- **Consultant Intern | DPPL (Shikhar NGO)** | (Link)
  The **Delhi Police Public Library (DPPL)**, India's first digital library in police stations, promotes education and community engagement. Expanded DPPL with **Delhi Police** to **Maharashtra**, empowering **1.4 lakh+ girls** and educating **480+ slum children** through sub-projects.

POSITIONS OF RESPONSIBILITY

- **Head (Corporate & PR) – DTU Altair, Official Robotics Team of DTU**
  Collaborated on innovative projects, focusing on GenAI, technical documentation, Sponsorship, Data Management and Visualization using Python. **Secured funding of ₹10 lakh** from college and sponsors to support various projects, which subsequently achieved recognition by winning multiple national and international competitions. **Led non-technical initiatives** by organizing team meetings, managing sponsorship outreach, coordinating logistics for events, and driving community engagement to enhance the club's visibility and operational success. This included planning events, facilitating communication among members, and promoting the club's activities through marketing and outreach efforts.
- **BiosocDTU** – Research and Corporate | (Link)
  Successfully managed annual technical fest of college and conducted tech events with more than 20K registrations. Secured 5+ industry leaders as panelists for Invictus 2025, boosting student engagement by 40%.
- **Google Developer Student Clubs** (GDSC DTU), the student member (1.5k+ inmates)
  Led a Google Cloud workshop for 20+ participants, guiding them through cloud deployment and automation, which improved their project efficiency by 35% in a campus-wide hackathons. Led a Google Cloud workshop, improving participant project efficiency by 35%.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- **1st Rank** Holder in State Level Essay Writing Competition.
- **BrAINWARS – Bain & Company Case Competition** | *Pre-Finalist*
  Advanced to the pre-final round; gained experience in strategic thinking, data-driven decision-making, and collaborative problem-solving. Solved a live business case for Nexus Motors' EV market entry in India. Analyzed COGS and overheads across 3 cities, recommended optimal plant location, and evaluated procurement synergies from a strategic acquisition.
- Member of Departmental Football team for **Arena Championship**
- **Desh ke Mentor**: Counseled 6 high school students regarding their goals and aspirations under the Delhi Government's "Desh Ke Mentor" program.
- **Habuild World Record** Online Yoga Class (June 2025) | *Participant* (Link)
  Joined 752,074 participants from 169 countries in the world's largest online yoga session, officially certified as a world record on International Yoga Day.

PROFESSIONAL CERTIFICATES

- **BCG Introduction to Strategy Consulting Job Simulation on Forage - March 2025 |** (Link)
  Learned how to think creatively by challenging the assumptions that guide today's thinking. Used effective brainstorm strategies to generate ideas to help a fictional luxury clothing company increase sales revenue.
- **Microsoft Certified: Azure AI Fundamentals (AI-900), MSLE AI Bootcamp – DTU - June 2025 |** (Link)
  Demonstrated core skills in AI, machine learning, and responsible AI using Azure services, including computer vision and NLP. Gained hands-on experience with Azure Cognitive Services for AI solution design and deployment.