Vasu Singh

Atlanta, GA | (404) 429-8213 | mailvasusingh@gmail.com | linkedin.com/in/vasusingh11 | github.com/vasusingh11 | vasusingh.com

EDUCATION

Georgia State University — Atlanta, GA
Bachelor of Science in Computer Science and Economics (Double Major) — *August 2022 – May 2026*
- Honors College — GPA: 4.05 — President's List
- Relevant Coursework: Data Structures, Database Systems, Design Analysis and Algorithm, Fundamental of Data Science, Econometrics & Applications, International Finance, Macroeconomics and Microeconomics

TECHNICAL & ANALYTICAL SKILLS

Programming & Analytics: Python, SQL, R, Java, Pandas, NumPy, Excel (Pivot Tables, VBA)
Visualization & BI: Power BI, Tableau, Matplotlib, Seaborn
Databases & Tools: MySQL, PostgreSQL, Bloomberg Terminal, Google BigQuery
Financial Methods: Financial Modeling, Budgeting, Risk Modeling, Forecasting, Regression Analysis, Time Series

PROJECTS

Investment Portfolio Management Platform — *React, Node.js, PostgreSQL, Tailwind CSS, jsPDF*   *January 2025*
- Designed and built a full-stack investment management system centralizing portfolio data, tracking performance, and supporting investor reporting across multiple asset classes.
- Engineered a robust relational data model using PostgreSQL with 15+ interconnected tables to manage investment entities, transactions, loan structures, and historical performance with full auditability.
- Developed financial analytics and reporting automation, including return calculations (ROI, IRR, MOIC, yield) and document generation, streamlining recurring reporting workflows.

Inventory & Equipment Loan Management Platform — *Relational Data Modeling and Workflow Design*   *2025*
- Designed and built an integrated inventory management and equipment loan application that centralized asset tracking, multi-user loan requests, approvals, returns, and status monitoring within a single system.
- Implemented role-based access controls, standardized procedures, and documented SOPs, replacing manual workflows with structured digital processes that improved tracking accuracy, accountability, and operational efficiency.

EXPERIENCE

Analyst Specialist — August 2025 – Present
Patel Capital Partners LLC — *Atlanta, GA*
- Operate in a financial controller–style role overseeing budgeting, cash flow forecasting, and financial performance monitoring across multiple active investments and lending positions.
- Build and maintain detailed financial models incorporating loan structures, projected cash flows, and sensitivity analyses to support return evaluation and capital allocation decisions.
- Lead underwriting and due diligence by synthesizing market research, borrower financials, collateral analysis, and comparable transactions into decision-ready investment materials.

Technology and Operations Intern — May 2025 – August 2025
The Bespoke Room — *Atlanta, GA*
- Analyzed sales, inventory, and customer data to support operational planning, budgeting, and performance evaluation across day-to-day business functions.
- Built automated reporting workflows and dashboards to improve data accuracy, visibility into key metrics, and decision-making efficiency for leadership.
- Partnered with operations and marketing teams to translate data insights into process improvements across inventory management, order fulfillment, and customer operations.

LEADERSHIP & INVOLVEMENT

Under Secretary-General of Digital Infrastructure — August 2022 – Present
Model United Nations, Georgia State University — *Atlanta, GA*
- Led the design and management of digital infrastructure supporting registration, communication, and operational workflows for large-scale conferences.

Vice President – Finance — May 2023 – Present (Advisor)
Indian Cultural Club, Georgia State University — *Atlanta, GA*
- Oversaw budgeting and sponsorship strategy for large-scale cultural events, advising on funding allocation and financial planning for initiatives supporting 600+ attendees annually.