

Zack Valavanis

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LinkedIn: <https://www.linkedin.com/in/zack-valavanis/> | **GitHub:** <https://github.com/zackvalavanis> | **Portfolio:** <https://portfolio-theta-ten-86.vercel.app/>

Data and financial analyst with 5+ years of experience in risk management, full-stack development, and data analytics techniques. Leveraged Google Project Management certification to improve tenant satisfaction by 20% across a \$1.1B real estate portfolio at Accenture. As Assistant to the CFO, steered the development of profit and loss statements, improving forecasting precision by 20%. Proficient in full-stack development with Ruby on Rails, JavaScript, and React, demonstrated by building a full-stack food ordering platform.

TECHNICAL SKILLS

Technical Skills: Financial Analysis, Risk Management, Full-Stack Development, Data Analytics Techniques, Process Automation

Development & Programming: Full-Stack Development (Proficient), Ruby on Rails (Proficient), JavaScript (Proficient), React (Proficient), HTML5 (Proficient), CSS3 (Proficient)

Tools & Platforms: Tableau (Proficient), Salesforce (Proficient), SAP (Proficient), QuickBooks (Proficient), PostgreSQL (Proficient), Git (Proficient), APIs (REST/JSON)

Project Management: Agile Methodologies (Scrum/Kanban), Google Project Management Certification, Vendor Management Optimization

TECHNICAL PROJECTS

Featured Project: Zen Rolls Website - Full-stack food ordering platform built with Ruby on Rails and React, simulating a real-world restaurant environment.

- ▶ Integrated Stripe for secure payment processing and seamless checkout flow.
- ▶ Designed a responsive, mobile-friendly UI with real-time content updates.
- ▶ Created RESTful APIs to manage menu items, orders, and customer data.

EXPERIENCE

Neuberger Berman

2023 – Present

Data Analytics Analyst / Client Associate

- ▶ Deployed VBA macros to automate financial report generation, shrinking processing time by 40% and saving 56+ hours annually; enabled faster delivery of insights to portfolio managers.
- ▶ Curated customized client presentations for a \$2.7B diversified portfolio, tracking key performance indicators (KPIs) such as sector allocations, volatility, benchmark performance, and risk-adjusted returns to support informed decision-making.
- ▶ Created detailed, data-driven client reports and dashboards tailored to portfolio goals; applied VBA-based validation tools to ensure reporting accuracy and integrity.
- ▶ Forged lasting client partnerships by delivering customized data-driven reports and presentations, demonstrating portfolio performance insights, risk mitigation strategies, and earning commendation of leading client as 'most reliable'.

Accenture

2022 – 2023

Real Estate Analyst

- ▶ Leveraged Google Project Management certification to manage a \$1.1B portfolio of 37 commercial office spaces, accommodating thousands of employees, improving tenant satisfaction by 20%, and driving operational efficiencies.
- ▶ Drove operational efficiencies across a \$1.1B real estate portfolio by identifying duplicate vendor services, which led to \$200,000 in savings and improved operational workflow for stakeholders.
- ▶ Managed the transition of 12 properties, collaborating with the real estate management team to optimize vendor management and rent processes.
- ▶ Deployed a Kanban expense tracking system across 12 properties, cutting down on accounting errors by 15% and expediting the monthly close process by five business days.

Advantage Futures

2020 – 2022

Risk Analyst

- ▶ Streamlined quarterly reporting by implementing VBA macros to automate data compilation, reducing reporting time by over 50% and boosting overall efficiency, allowing for increased focus on client portfolios.
- ▶ Spearheaded research into trading volume and open interest data across Bitcoin and Ethereum futures, directly informing portfolio strategy and resulting in a 15% gain in performance tracking.
- ▶ Conducted data analysis on margin usage, providing insights that reduced risk exposure by 20% and identified optimization opportunities for capital allocation.

OnShore Security

2019 – 2020

Assistant to the CFO (2019-2020)

- ▶ Extracted financial data from QuickBooks and integrated it into an interactive dashboard, enabling KPI visualization that increased reporting efficiency by 30%.
- ▶ Steered the development of detailed profit and loss statements over three years, clarifying financial performance for executive stakeholders, and improved forecasting precision by 20% across all departments.
- ▶ Catalyzed financial forecasting precision by 25% through the creation of uniform reporting templates, directly improving strategic planning cycles by shortening turnaround time by 1 day, and improving decision-making.

EDUCATION & CERTIFICATIONS

Actualize Coding Bootcamp – Full-Stack Web Development (Ruby, Rails, JavaScript, React)

University of Colorado – Leeds School of Business (B.S. in Business Administration) – Chancellor's Achievement Scholar

University of Westminster (London, UK) (Study Abroad Program)

Certifications:

- ▶ Tableau For Data Science
- ▶ FINRA Series 3, 7, 63, 65
- ▶ Google Project Management Certificate
- ▶ Certification in Blockchain and Digital Assets (CBDA)