

Zack Valavanis

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Results-driven professional with 4+ years of experience in financial analysis, data analytics, and full-stack software development. Proficient in Ruby on Rails, React, and JavaScript, with expertise in building scalable web applications and leveraging data-driven insights to solve complex business challenges. Proven ability to optimize financial processes, enhance portfolio performance, and streamline operational workflows through automation and software solutions. Passionate about combining finance, technology, and data analytics to drive innovation.

TECHNICAL SKILLS

Languages / Frameworks: Ruby, Rails, JavaScript, React.js, Vue.js, HTML5, CSS, Python, Flask, REST, VBA

Databases & Tools: PostgreSQL, Tableau, Salesforce, SAP, QuickBooks

Development & Deployment: Git, Heroku, Vercel

Core Competencies: Full-Stack Development, Data Analytics & Visualization, Portfolio & Risk Management, Process Automation (VBA), Financial Modeling, Agile (Scrum, Kanban), Project Management

PROFESSIONAL EXPERIENCE

Neuberger Berman

2023 – Present

Data Analytics Analyst / Client Associate

- Managed a \$2.7B diversified portfolio across multiple client segments, consistently outperforming market benchmarks by 1% in tax alpha, driving both client growth and portfolio optimization.
- Developed and executed tax-efficient investment strategies for diverse portfolios, achieving up to 10% reductions in capital gains taxes, leading to significant cost savings and improved financial outcomes for clients.
- Designed and implemented a VBA automation solution, saving 56 hours annually, with scalable potential to streamline workflows and increase efficiency organization-wide.
- Implemented data-driven strategies that contributed to a \$100M increase in the book value within a year, fostering stronger client trust and driving long-term engagement.

Accenture

2022 – 2023

Real Estate Data Analyst

- Managed a \$1.1B portfolio of 37 commercial office spaces, accommodating thousands of employees, improving tenant satisfaction by 20%, and driving operational efficiencies across multiple sites.
- Streamlined vendor operations and implemented process improvements, achieving \$200,000 in savings and a 5% reduction in operating expenses through optimized vendor management and operational efficiencies.
- Led the transition of 12 properties by optimizing vendor management and rent processes, reducing costs by 5% through improved operational efficiency.
- Conducted regular audits of operational processes, identifying areas for improvement that led to a 25% decrease in maintenance response times.

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.
- Managed the analysis of volume and open interest in emerging exchange-traded products, including Bitcoin and Ethereum futures, leading to a 15% improvement in portfolio performance tracking.
- Conducted data analysis on margin usage, providing insights that reduced risk exposure by 20% and identified optimization opportunities for capital allocation.
- Performed regular audits of operational processes, identifying areas for improvement that led to a 25% reduction in maintenance response times and enhanced operational efficiency.

OnShore Security

2019 – 2020

Assistant to the CFO (2019-2020)

- Collaborated with the CFO to extract financial data from QuickBooks and integrate it into an interactive dashboard, enabling KPI visualization that increased operational efficiency by 30% and reduced reporting time by 20%.
- Led the creation of comprehensive profit and loss statements for the past 3 years, providing a clearer financial picture that improved decision-making accuracy by 20% and enhanced forecasting capabilities.
- Developed and implemented standardized reporting templates, streamlining financial analysis and increasing reporting accuracy by 25%, which significantly enhanced strategic planning and decision-making capabilities.

EDUCATION & CERTIFICATIONS

University of Colorado – Leeds School of Business (B.S. in Business Administration) – Chancellors achievement Scholar

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

- Actualize Coding Bootcamp
- Tableau For Data Science
- Series 3, Series 7, Series 63, Series 65 (FINRA)
- Google Project Management Certificate