Zack Valavanis

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

Finance professional with expertise in portfolio management, financial analysis, and risk assessment, complemented by technical skills in financial automation and full-stack development. Proven track record optimizing investment strategies, reducing operational costs, and automating reporting workflows using VBA, JavaScript, and Tableau. Passionate about leveraging technology to drive financial performance, improve operational efficiency, and deliver data-driven insights.

TECHNICAL PROJECTS

Featured Project: SpotBeat (In Progress) – *Full-stack music tracking and purchasing app*
- Developing a React (TypeScript) frontend and Node.js + Express backend with a PostgreSQL (Supabase) database.
- Integrated the Ticketmaster API to provide real-time event discovery, ticket availability, and purchasing functionality.
- Designed a responsive, mobile-friendly UI to ensure seamless usability across devices.

TECHNICAL SKILLS

Core Skills: Financial Analysis, Financial Reporting, Full-Stack Development, Portfolio Management, Process Automation, Risk Management, Data Analytics, Project Management
Languages & Frameworks: VBA, Ruby on Rails, JavaScript, Typescript, React, Python, Supabase, Node.js, Express, HTML5, CSS3
Databases & Tools: Tableau, Salesforce, SAP, QuickBooks, PostgreSQL, Microsoft Office (Excel, PowerPoint, Word), Aladdin Wealth, eMoney
Development & Deployment: Git, Heroku, Vercel, APIs (REST, JSON), Agile (Scrum, Kanban)

PROFESSIONAL EXPERIENCE

SALUS Wellness   *2025 – Present*
Founding Software Engineer
- Lead the development of a React Native MVP wellness platform, enabling clients to schedule sessions, track progress, and make secure payments.
- Designed and implemented frontend components using Figma designs and AI-assisted workflows, accelerating development and improving design-to-code accuracy.
- Organized weekly sprint planning on Notion and facilitated Tuesday standups, driving accountability and collaboration across the team.

Capture   *2025 – Present*
Frontend Software Engineering Intern
- Built and optimized mobile features using React Native (TypeScript), improving performance and usability across iOS and Android platforms.
- Collaborated with cross-functional teams in an Agile environment, using Jira to manage sprints, track tasks, and streamline development workflows.
- Developed responsive, reusable UI components and implemented unit/integration tests with Jest, improving app reliability and reducing production bugs.

Neuberger Berman   *2023 – Present*
Data Analytics Analyst / Client Associate
- Developed automation scripts (VBA) to streamline financial reporting, reducing manual workload by 56 hours annually.
- Managed a $2.7B diversified portfolio, delivering customized client presentations that tracked key performance indicators (KPIs) such as risk-adjusted returns, sector allocations, volatility, and benchmark performance, enhancing transparency and supporting 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.
- Provided outstanding customer-facing support by addressing client needs, offering tailored solutions, and building strong, lasting relationships that enhanced satisfaction and trust.

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 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.
- Managed the transition of 12 properties, collaborating with the real estate management team to optimize vendor management and rent processes.
- Utilized a Kanban board to track all incoming and outgoing expenses for each location, conducting regular audits of operational processes and identifying areas for improvement.

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.

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%.
- 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

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)