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/

Versatile and innovative Software Engineer with 1 year of experience building and optimizing web and mobile applications using React and React Native (TypeScript). Skilled in Agile collaboration and leveraging Jira to streamline workflows. Adept at creating responsive, user-friendly UIs and implementing robust unit and integration testing to deliver reliable, high-quality software.

PROJECTS

Featured Project: Fork & Flame (In Progress) – Full-stack React (TypeScript) & Rails app with PostgreSQL, featuring AI-powered recipe and restaurant generation.

- OpenAI API Integration: Leveraged OpenAI's API to dynamically generate recipes based on user-provided ingredients and servings, with scalability for additional inputs.
- Responsive UI Design: Built a mobile-friendly, intuitive interface to provide seamless usability across all devices.
- Full-Stack Development: End-to-end implementation connecting the frontend, backend, and database, enabling users to generate and explore personalized recipes and restaurant recommendations.

SKILLS

Core Skills: Full-Stack Development, Frontend Engineering, Mobile Development, Process Automation, Data Analytics, Agile Project Management, API Integration, Unit & Integration Testing
Languages & Frameworks: JavaScript, TypeScript, React, React Native, Node.js, Express, Python, Ruby on Rails, Supabase, HTML5, CSS3, VBA
Databases & Platforms: PostgreSQL, Git, APIs (REST/JSON), Vercel, Heroku, Microsoft Office, Salesforce, SAP

PROFESSIONAL EXPERIENCE

SALUS Wellness   *2025 – Present*
Founding Software Engineer

- Built the MVP authentication system in React Native, enabling secure user sign-up, login, and password management, completing core auth features.
- Implemented frontend components from Figma designs using AI-assisted workflows, reducing manual coding effort by 20% and improving accuracy.
- Organized weekly sprint planning in Notion and facilitated standups for a 5-person team, improving task tracking and team collaboration

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.

EDUCATION

Education

- **University of Colorado** – Post-Baccalaureate in Computer Science, starting January 2026
- **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)