DAN ROBINSON

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SOFTWARE ENGINEER

Software Development | Data Analysis | AI Technology | Product Lifecycle

Self-motivated and dynamic Software Engineer with a keen aptitude for pioneering user-centric applications by leveraging cutting-edge AI technologies. Proven track record in synchronizing with research teams to foster incentive alignment and ensure seamless knowledge integration. Remarkable in engineering advanced APIs and user interfaces, fortified by expert-level coding abilities and in-depth experience with service-oriented architecture design. Experienced in orchestrating functional prototypes and strategic demonstrations to substantiate product viability and consumer engagement. Committed to facilitating efficient transitions to production teams through meticulous documentation. A staunch proponent for embedding product and user experience considerations into the nascent stages of research and development. Agile and adaptive contributor to various high-impact projects, aligning with shifting organizational objectives. Exhibits software development and business management talents, and a relentless pursuit of excellence. Possesses superior communication, critical thinking, and decision-making skills.

Key Professional Achievements:

- *Pioneered user interface prototypes with next-gen AI technology, boosting user engagement and speed.*
- *Fostered strategic research collaborations to underpin project success and knowledge exchange.*
- *Drove the development of prototypes, accelerating product validation and capturing critical feedback.*
- *Created comprehensive technical documentation, streamlining product team handovers and shortening launch cycles.*
- *Advocated for early-stage integration of functionality and UX, enhancing product relevance and user satisfaction.*
- *Displayed versatility in supporting various lab projects, aligned with evolving corporate goals.*

Core Competencies:

Strategic Planning | Software Architecture | Analytics & Reporting | Programming & Coding | Algorithm Design | Systems Analysis | Debugging & Troubleshooting | Agile Methodologies | Full-Stack Development | Financial Acumen | Database Management | Object-Oriented Design (ODD) | Version Control Systems | Cloud Computing | UX/UI Design | Cybersecurity Fundamentals | Continuous Integration/Deployment | Cross-Platform Compatibility | Performance Optimization | Problem Solving | Team Collaboration | Technical Documentation & Reporting | Change Management | Decision Making | Code Review | Quality Assurance

PROFESSIONAL SUMMARY

Co-Founder, Founding Engineer | 2023 - 2024
NEXT LVL AI, Provo, UT

We help your sales teams spend less time in the CRM and more time closing deals. Plug in your playbook and company info, we'll update your deals inside of HubSpot. Every conversation is tracked and updated without you lifting a finger.

Engineered an innovative full-stack application that revolutionized data entry for sales representatives by integrating Zoom Marketplace and Google Cloud Platform (GCP) apps with HubSpot CRM, utilizing OpenAI API for intelligent data generation.

- *Spearheaded the development of a user-friendly front end using React and implemented robust backend services with Express.js and Python/Flask.*
- *Implemented secure user authentication by integrating Google Firebase, enhancing system integrity and user trust.*
- *Masterfully orchestrated AWS DevOps workflows, setup of Pipelines CI/CD, management of EC2 instances, deployment on Beanstalk, and efficient use of S3 and Cloudfront, with a MySQL database hosted on RDS for scalable storage solutions.*
- *Directed customer success initiatives and technical support operations, successfully aggregating critical user feedback for product enhancements and rapid bug resolution.*

Founding Engineer | 2022 - 2023
DAOHUB, Toronto, ON - Remote
Daohub is an open-source operating system for smart contracts that provides complete system introspection, deep resource isolation, and visibility across the entire state in real-time.

Championed the development of a robust cryptocurrency marketplace platform, facilitating user search, market insights, and seamless token-exchanging capabilities.

- *Innovated a data visualization tool using AirBnB's Visx library, enabling users to conduct comprehensive token analysis and make informed investment decisions.*
- *Constructed and maintained a scalable company database utilizing MongoDB, with streamlined CRUD operations through Mongoose ORM, significantly enhancing data management efficiency.*

Software Engineer | 2022 - 2022 (7-months)
FRAGMINTS, South Jordan, UT - Remote
The First Fragmented NFT Platform with Formable DAOs focused on building independent communities and empowering their creative use of decentralized mechanisms.

Led the creation of smart contracts for NFT initiatives utilizing Solidity and the OpenZeppelin library, coupled with crafting marketing websites in React to support ERC-721 token transactions via MetaMask wallets.

- *Developed and deployed secure, reliable smart contracts for NFT acquisitions, advancing digital asset ownership.*
- *Engineered responsive marketing platforms in React to facilitate user interaction and token purchases, enhancing customer experience and engagement.*
- *Pioneered the use of InterPlanetary File System (IPFS) for decentralized hosting, ensuring robust data integrity and access within the blockchain ecosystem.*

Junior Software Engineer | 2021 - 2022
CURRENT TECHNOLOGIES, Lehi, UT
Current Technologies is a software development company based in Lehi, Utah that specializes in influencer marketing, ambassador programs, affiliate marketing, B2B technology, SaaS, and influencer campaigns.

Architected and integrated an advanced e-commerce solution, leveraging Shopify's GraphQL API and WooCommerce's REST API, with Node.js backend development, and established intuitive user interfaces using React/Material UI, enabling clients to effortlessly create discount offerings for an extensive network of over 84,000 influencers.

- *Revolutionized client engagements by automating the Whitelabel onboarding process, delivering a significant time saving of 11 hours per week for the team, thereby enhancing operational efficiency and productivity.*

Analyst | 2019 - 2021
GOLDMAN SACHS, Private Equity Group, Salt Lake City, UT
Goldman Sachs is a global investment banking, securities, and investment management firm that offers a wide range of financial services to a large and diversified client base. The firm operates private-equity funds and hedge funds, structures complex and tailor-made financial products, and owns Goldman Sachs Bank USA, a direct bank, ambassador programs, affiliate marketing, B2B technology, SaaS, and influencer campaigns.

Conducted an in-depth analysis of over 405,000 data entries to identify and assess discrepancies, offering strategic insights on quarterly fluctuations affecting client net asset values, return on investments, and internal rates of return.

- *Played a pivotal role in the management of client reporting for portfolios totaling $10 billion, ensuring accuracy and integrity in high-stakes financial data presentation.*

Earlier Career: **Founder**, *Smash-Teck Marketing, Logan, UT*

EDUCATION, TECHNOLOGY

BACHELOR OF ARTS - Finance - UTAH STATE UNIVERSITY, Logan, UT - 2018
Technology:
Languages: Javascript, Python, C# | **Frameworks-Libraries**: Node.js/Express, React, Flask, Ant Design | **AWS**:
Beanstock/EC2/S3/RDS, Pipelines, CloudFront/CloudWatch, Terraform | **Misc**: MySQL, Sequelize, GCP/Firebase, MongoDB