Rob Strasser

Software Engineer

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CAREER SUMMARY

Experience	2 years as a Software Engineer with startup & global companies in the Networking space
Languages	TypeScript, JavaScript, React, Redux, Express, Node.js, Python, Flask, HTML, CSS
Tools	Postman, Git, Azure DevOps, JIRA, NSX, vRealize, PostgreSQL, CosmosDB, Docker

PROFESSIONAL EXPERIENCE

Munich Re   Remote (London, UK)

Software Engineer, Network Automation (Contract)   02/2023 – 12/2023

Technologies: TypeScript, JavaScript, CosmosDB, Azure DevOps, NSX, vRealize, Postman

- Part of a 5 person team in a contract role delivering internal tooling to facilitate Network Automation workflows, serving 40,000+ employees, releasing weekly or bimonthly updates in a CI/CD cycle on a codebase with over 113,000 lines of code
- Built a workflow leveraging multiple APIs to automate the process of cleaning the database, NSX environments, and vCenters of network segments and virtual machines, reducing manual efforts from 1-3 days to 1-hour maximum
- Patched, tested, and re-developed 12+ automation workflows delivered in a non-functioning state by an external team, identifying dozens of critical bugs that would have brought down Production or left internal applications vulnerable
- Collaborated with 20+ people from 3 different teams spread across the UK, Germany and Moldova, overcoming time differences of 8-10 hours, to overcome barriers and achieve project goals by identifying key decision-makers and project owners within the organization
- Performed code reviews for 5+ team members on at least a weekly basis, ensuring strict code standards and company policies were met while also personally accounting for 2-4 items per release
- Contract ended due to EOY budget constraints

SPJ Solutions   Remote (Sacramento, CA)

Software Engineer   04/2022 – 10/2022

Technologies: Typescript, React, Redux, Express, Node.js, HTML, CSS, PostgreSQL, NSX, Postman

- Part of a 15+ person startup development team working on an application that managed the migration of clients' networking environments, handling the migration of 5000+ virtual machines, serving 100+ clients
- Appointed sole developer of large micro-segmentation feature that took a snapshot of clients' existing network environment's firewall, organizing and deploying migration in 8 steps to the latest version of NSX
- Developed an algorithm to sort, order, and move 4,000+ custom firewall rules which decreased time spent manually organizing by 90%
- Participated in an Agile development environment consisting of regular code reviews, monthly releases, bi-monthly hotfixes, and weekly end-to-end testing on a code base of 80,000+ lines of code
- Laid off as 1 of 10 employees following company restructuring

2017-2021: Asset Protection Supervisor, team of 8 employees. SDR, met 120% of quota. Learned client leadership & time management

PROJECTS

Incapables - live | github   12/2021

Technologies: Javascript, React, Redux, Python, Flask, HTML, CSS, Docker, AWS s3

- Solo project that implemented AWS s3 for scalable image uploads, Redux for efficient state management, and Docker for consistent, scalable deployment

EDUCATION & ACCREDITATIONS

App Academy Coding Bootcamp	07/2021 – 01/2022
CSU East Bay - BS Criminal Justice	09/2013-06/2017

Github ▪ LinkedIn