Victor Malchikov

San Jose, CA | P: 650 888 1064

malchikov.victor@gmail.com | linkedin.com/in/victor-malchikov | github.com/vmalchik

CAREER SUMMARY

10+ years of experience designing and delivering cloud-native, hybrid, and serverless systems across startup and enterprise environments.

- Founding engineer and front-end lead on 0-1 products across both startup and enterprise teams.
- Technical lead on platforms recognized by industry analysts and deployed in production.
- Extensive experience delivering front-end, cloud, and data solutions through cross-functional engineering in both early-stage and mature product environments.

WORK EXPERIENCE

RSA / Sr. Principal & Principal Software Developer
Jan 2018 - March 2025, San Jose & San Francisco, CA

Led front-end and cloud development from early prototypes to production across RSA Labs, NetWitness, Archer, and SecurID business units, focusing on on-prem, cloud-native, and microservice-based solutions.

- Enabled 40+ Q1 customer onboardings by leading ReactJS based front-end architecture for a new SaaS GRC application in collaboration with RSA Archer.
- Secured RSA's Leader placement in Gartner's 2021 Magic Quadrant for IT Vendor Risk Management Tools through successful launch of SaaS GRC application.
- Implemented AWS Glue ETL for NetWitness Insight, reducing noisy data by 70% and enhancing analytics accuracy. Guided the product's transition from prototype to secure, production-ready solution.
- Filed four patents covering risk assessment, location-based access policies, and task automation - boosting RSA's patent portfolio supporting long-term innovation.

Genify (Acquired) / Founding Engineer & Front-End Lead
July 2020 - April 2022, San Jose, CA

Founding engineer at a four-person startup building a workflow platform for industrial water and energy consulting. Led front-end architecture and feature development from MVP to acquisition.

- Architected a reusable, component-driven ReactJS framework enabling rapid iteration and long-term scalability.
- Developed core product features: authentication, workflow logic, registration, and user roles.
- Owned front-end delivery through acquisition, coordinating closely with FTD Solutions through final delivery and post-acquisition support.

AirPR (Onclusive) / Senior Software Developer
May 2017 - Jan 2018, San Francisco, CA

Contributed to the front-end rebuild of a media and influencer tracking platform, focusing on user experience improvements and UI migration.

- Delivered a new author analysis page in EmberJS from UX wireframes, enhancing visibility into key contributors and improving the platform's influencer tracking capabilities.

Sapere / Front-End Lead, Contractor
Feb 2017 - May 2017, Foster City, CA

Front-end lead at an IoT startup, delivering an AWS-hosted SPA to monitor wine production quality and surface issues.

- Designed and implemented front-end architecture and core features including authentication, sensor data display, device management, and user notifications.
- Delivered MVP on-time and on-budget in tight collaboration with UX, backend, and product teams.

RSA / Senior Software Developer
Aug 2013 - Jan 2017, San Francisco, CA

Drove key initiatives in mobile and front-end solutions for RSA's SecurID and NetWitness business units, contributing to enhanced security and improved user experience.

- Integrated advanced authentication into RSA's next-gen mobile identity product using biometric verification and token-based methods, enhancing security and user convenience.
- Collaborated on the UI redesign of the RSA NetWitness platform using EmberJS framework.
- Mentored junior team members, fostering growth and ensuring consistent quality across the development lifecycle.

PassBan (Acquired by RSA) / Software Developer Intern
June 2013 - Aug 2013, San Francisco, CA

Foundational experience in mobile authentication technologies at a fast-paced startup, focusing on testing and validating the PassBan application and SDK.

- Conducted comprehensive testing to ensure seamless integration with third-party apps and mobile device management systems, verifying functionality and reliability.

PERSONAL PROJECTS

WordMuse AI / wordmuseai.com
July 2023

Designed and deployed a full-stack serverless application using React/NextJS, OpenAI, and Vercel technologies to help users craft the perfect message for various occasions.

- Trained a custom model on 400 personally engineered prompts to enhance the quality and consistency of response messages.
- Conducted user testing and iterated on feedback, driving improvements in the website's functionality and user interface.

QUALIFICATIONS

Technical Skills:
- **Languages & Frameworks:** TypeScript, JavaScript, Python, Java, ReactJS, NextJS
- **Infrastructure & Tools:** AWS, Vercel, Docker, Git
- **Data & Prototyping:** DuckDB, RocksDB, Kafka (prototyping and system design)

Languages: Conversational proficiency in Russian; basic reading and writing skills.
Awards: RSA NetWitness highest recognition award for outstanding business contributions.
Filed Patents:
- US11023863B2 - Machine learning risk assessment utilizing calendar data
- US11122438B2 - Map-based techniques for visualizing user access data and for configuring and enforcing location-based access policies
- US20210241192A1 - Policy-based completion of third party risk assessments
- US20210241231A1 - Automatic assignment of tasks to users in collaborative projects

EDUCATION

San Francisco Community College / 2011 - 2013, San Francisco, CA
- Dean's List Academic Achievement Award
- Mobile Android Development & Java Programming Certifications
- Accepted a full-time offer from PassBan startup (acquired by RSA)

University of California, Irvine / 2007 - 2009, Irvine, CA
- Magna Cum Laude Graduate
- B.A. in Criminology, Law, and Society