MICHAEL HALISKY
Senior Software Engineer

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Experience

Senior Software Engineer
August 2023 - Present
Halo Compliance
- Architected core infrastructure to automate compliance reviews, reducing review time by 90%
- Built modular microservices in Ruby on Rails, NodeJS, React, PostgreSQL, and Docker
- Spearheaded technical decisions to align with business goals, accelerating time to market

Senior Technical Lead
August 2023 - October 2024
Solo LLC
- Translated business requirements into actionable tasks for developers at all levels
- Led full lifecycle feature planning, including implementation, testing, and maintenance with TypeScript, React, Node.js, PostgreSQL, and Docker
- Drove business strategy by aligning technical decisions with scalability, security, and infrastructure needs
- Mentored junior developers to excel in a fast-paced environment
- Refactored legacy systems to eliminate technical debt, enabling future product scalability and making previously impossible features feasible

Platform Engineer
July 2022 - August 2023
Solo LLC
- Led efforts to secure vulnerable assets in GCP, leveraging cloud features such as Pub/Sub for SOC2 compliance
- Optimized application scalability with Apache JMeter load testing, supporting 40,000 concurrent users
- Secured ExpressJS apps by patching endpoint and middleware vulnerabilities
- Prioritized and resolved technical debt based on security vulnerability severity
- Developed quality-of-life scripts that boosted development workflow productivity for 40+ engineers

Product Engineer
November 2017 - July 2022
Solo LLC
- Integrated client applications with in-house ML and AI systems
- Built, tested, and maintained robust API integrations across multiple microservices
- Developed comprehensive frontend and backend testing suites for unit and integration tests
- Leveraged TypeScript and React to build 3D HTML Canvas features using point cloud data and Three.js
- Refactored slow processes to utilize parallelization and concurrency, improving efficiency
- Migrated legacy CakePHP application to a modern, scalable Node.js and React architecture

Education

University of Utah
Graduated: August 2022
College of Humanities
- Specialized in an interdisciplinary blend of information systems, business strategy, and humanities
- Developed a unique perspective on how technology can drive business success by integrating technical solutions with human-centered design and strategic business insights

Bottega University
Completed: August 2017
Full Stack Development Certificate
- Completed a 600+ hour course focusing on object-oriented programming and web development
- Specialized in Ruby on Rails, JavaScript, MVC architecture, and RESTful API design

Skills

- **Backend/Server-side**: Node.js, Ruby, ExpressJS, NestJS
- **Frontend**: JavaScript, TypeScript, React, MobX, HTML, CSS, MaterialUI, Bootstrap
- **Databases**: PostgreSQL, MySQL, Firebase
- **Cloud/DevOps Tools**: Google Cloud Platform, Docker, Kubernetes, Terraform
- **Testing**: Jest, Mocha, Chai, Apache JMeter