

MICHAEL HALISKY

Senior Software Engineer

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Experience

Senior Software Engineer

August 2023 - Present

Halo Compliance

- Architected core infrastructure to automate manual compliance reviews, reducing review time by 90%.
- Developed microservices in Ruby on Rails, NodeJS, React and Docker, creating system modularity.
- Led technical decisions that aligned with business priorities, cutting time to market.

Senior Technical Lead

August 2023 - October 2024

Solo LLC

- Collaborate with a product development team to refine business requirements into well-defined technical tasks that can be picked up and implemented by developers of diverse experience levels
- Strategically plan features through their lifecycle, from conception and implementation to testing rollback strategies and ongoing maintenance with TypeScript, React, Node.js, PostgreSQL and Docker
- Impact business strategies by considering how decisions might affect software systems holistically, including concerns around scalability, security, and infrastructure
- Mentor junior developers to succeed in a fast-paced full stack environment

Platform Engineer

July 2022 - August 2023

Solo LLC

- Led a project to secure vulnerable assets stored in GCP, leveraging cloud features such as GCS and pub-sub which allowed Solo to achieve SOC2 compliance
- Enhanced application scalability by using Apache JMeter for load testing, achieving support for 40,000 concurrent users through targeted code optimizations
- Secured Express JS applications by patching vulnerabilities in endpoints and middleware
- Managed technical debt, prioritizing resolution based on the severity of security vulnerabilities
- Developed scripts that significantly enhanced the development workflow, boosting productivity and efficiency for over 80 software engineers

Product Engineer

November 2017 - July 2022

Solo LLC

- Integrated client applications with ML and AI systems
- Developed, tested, and maintained robust API integrations across multiple microservices
- Engineered comprehensive frontend and backend unit and integration testing suites
- Leveraged TypeScript and React to develop innovative HTML Canvas features using point cloud data for immersive 3D experiences using Three.js
- Refactored slow processes to utilize parallelization and concurrency
- Successfully migrated a CakePHP application to a modern, scalable Node.js and React architecture

Education

University of Utah

August 2022

College of Humanities

- Specialized in a blend of information systems and business courses as electives to establish interdisciplinary knowledge of how the humanities and technology can drive business success

Bottega University

August 2019

Full Stack Development Certificate

- Completed a 600+ hour course focusing on object-oriented programming and web development

Skills

- **Languages:** JavaScript, TypeScript, NodeJS, Ruby, HTML, CSS, SQL
- **Frameworks:** Ruby on Rails, NestJS
- **Libraries:** React, Mobx, ExpressJS, Jest, Mocha, Chai, Three.js, TanStack, MaterialUI, Bootstrap
- **Databases:** PostgreSQL, MySQL, Firebase
- **Tools:** Google Cloud Platform, Docker, Nginx, Kubernetes, Terraform, Apache JMeter, Git