

# MICHAEL HALISKY

## Senior Software Engineer

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## Experience

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### 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 - Present

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

August 2023 - Present

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

August 2023 - Present

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 developed 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

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### University of Utah

August 2023 - Present

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 2023 - Present

Full Stack Development Certificate

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

## Skills

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- **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