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 - 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

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

- **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