

# Jones Melton

SOFTWARE ENGINEER

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## CONTACT INFORMATION

Chicago, IL  
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## PROFESSIONAL SUMMARY

Software Engineer with 9 years of experience designing, developing, and maintaining enterprise web applications, and 20+ years of experience with Linux & Unix systems, with an affinity for legacy code. Adept at UI state design, API development, and frontend performance. Knowledgeable about accessible design, security best practices, automated testing, distributed systems, and formal verification. Passionate about mentorship and teaching.

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## SKILLS

TypeScript, JavaScript, NodeJS, PHP, Ruby, Gleam, Lisp, React, NextJS, Vue, Elm, PostgreSQL, SQLite, Git, Fossil, HTML, CSS, Functional Programming, Object Oriented Programming (OOP), Test Driven Development (TDD), code review, pair programming, Docker, AWS.

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## PROFESSIONAL EXPERIENCE

### SENIOR SOFTWARE ENGINEER

Chicago, IL  
Freelance | Mar 2023 – current

- Feature and security updates to projects in maintenance phase of SDLC, where the original team is no longer available for consultation.
- Modernizing deployment processes for applications developed for legacy hosting models like LAMP or Heroku.
- Fully updating NodeJS frontend build systems that have otherwise not been touched for years.

### SENIOR OPERATIONS SOFTWARE ENGINEER

Canopy Servicing  
Remote | Sept 2021 – Feb 2023

- Worked as autonomous “team of one” reporting directly to CTO, building internal tools and dashboards for engineering, marketing, operations, and support teams.

- Sole developer for marketing pages and technical blog built using ReactJS and Gatsby.
- Frequently collaborated with development and operations teams on monitoring, security, and observability, as well as code review; occasionally subbed as “pinch hitter” on those teams when called for.

#### SOFTWARE ENGINEER

QsrSoft

Remote | Sept 2020 – Oct 2021

- Maintenance and feature updates for “complete” but mission critical legacy PHP application.
- Developed and implemented monitoring and testing strategy for PHP application that had been in use since 2004, with only security updates since 2014.

#### FULL STACK SOFTWARE ENGINEER

Built In

Chicago, IL | Mar 2019 – Sept 2020

- Worked on job listing platform using VueJS.
- Developed backend API in Go and accompanying database schema in Postgres with focus on performance and extensibility.

#### FULL STACK SOFTWARE DEVELOPER

ActiveCampaign

Chicago, IL | May 2017 – Mar 2019

- Built new EmberJS frontend over legacy PHP application.
- Maintained, debugged, and supported oldest and most critical parts of CRM backend in PHP and MySQL.
- Identified and corrected long running performance and security issues with minimal impact to customers.

#### MOBILE DEVELOPER INTERN

Reach Creative

Chicago, IL | Jan 2017 – May 2017

- Led development of mobile application using React Native.

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#### EDUCATION

- WESTERN GOVERNORS UNIVERSITY – Bachelor of Science, Computer Science – expected Oct 2026
- DEV BOOTCAMP – Full Stack Web Developer Program – May 2016