

Douglas R.C. James

[in](#) @douglasrcjames • www.douglasrcjames.com • Portland, Oregon • douglasrcjames@gmail.com

Summary

Accomplished Computer Engineer with a proven track record of architecting, developing, securing, and managing sophisticated custom software solutions. My strength lies in bridging the gap between business and technical goals, focusing on turning complex requirements into user-centric products that excel in the marketplace.

Skills: HTML/CSS/JavaScript (10+ yrs.), React.js/Node.js/TypeScript (5+ yrs.)

Professional Work

Canary Marketing [↗](#)

Mar. 2021 - Present

Lead Web Engineer

- Architected React.js webshops servicing industry giants like Google, Zoom, Okta, Levi's, & Stitch Fix
- Managed dev team creating and maintaining ~2000 web stores servicing an average of ~8,000 users/store
- Engaged strategically across multiple boards and teams: Ops Team, Webstore Team, ISMS Board, Leadership Board, and Processes Board steering Canary's technical vision and strategy
- Key technical liaison between Canary leadership, sales teams, and external tech teams, ensuring client web stores were approved and built to project specifications
- Assessed technical security documentation for web initiatives to stay compliant with ISO/SOC2/GDPR/etc
- Oversaw ~75 company and client domains, managing DNS updates, custom redirects, domain acquisitions, and related tasks to optimize digital presence
- **Tech:** HTML, CSS, JavaScript, Node.js, React.js, TypeScript, Firebase, GitHub, REST APIs, WordPress, Shopify

Minute.tech [↗](#)

May. 2016 - Present

Founding Engineer

- Established a technical consulting venture to sharpen my technical proficiency and business acumen, delivering tailored consulting services
 - **Private Consulting:** Designed and engineered over 20 custom production websites for nationwide clients
 - 6amgroup.com: Independently developed a bespoke Next.js CMS, attracting ~30,000 visitors monthly
 - klikclak.com: Created a custom React.js CMS from scratch, achieving ~10,000 monthly page views
 - **App:** Conceptualized and built a custom app for an on-demand, consumer-grade technical support system connecting clients with technicians via messenger, voice/video call, screen sharing, and in-person scheduling
 - **MVP:** Web app (www.minute.tech) with React.js and Android & iOS apps with React Native, with a unified backend through Firebase, Stripe, and Twilio APIs
 - Demonstrated market viability by providing essential tech support to hundreds of clients, successfully processing all transactions through the platform with Stripe, and generating over 12,000 minutes of video consultations via Twilio, showing evidence of strong market demand and system effectiveness
 - **Tech:** HTML, CSS, JavaScript, Node.js, React.js, TypeScript, React Native, Swift, Stripe, Twilio, Firebase, Python, MySQL, GitHub
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Education

San Jose State University [↗](#)

Aug. 2013 - Dec. 2019

Bachelor's in Computer Engineering | Minors in Math & Business

- Active member of the Computer & Software Engineering Society (SCE)
- Active member & web designer of Pi Kappa Alpha fraternity on campus
- **Tech:** HTML, CSS, JavaScript, React.js, Swift, Firebase, Python, MySQL, C/C++, Verilog, Assembly Language, computer hardware & network design