
Nicholas Smith Senior Software Engineer

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Summary

Senior Software Engineer with a collaborative nature and a growth mindset. Proven record in architecting scalable, front-end centric applications using React, TypeScript, and many other modern web technologies. Led cross-functional teams at MongoDB, creating intuitive UIs and optimizing performance for marketing and security solutions. Experienced in full-stack development, rapid prototyping, enterprise application development, and mentoring globally distributed teams, as well as ensuring robust and maintainable systems.

Technologies

Languages & Frameworks: Angular, Apollo, Express, GraphQL, JavaScript, Meteor, Next.js, Node.js, PHP, Python, React, React Native, TypeScript, Vue.js

Styling & Design Tools: Bootstrap, CSS, D3, Figma, HTML, LESS, Recharts, SASS, SCSS, Sketch, Tailwind CSS, Typography

Cloud & Infrastructure: Apache, AWS, Docker, DynamoDB, EBS, EC2, EFS, Heroku, IAM, MongoDB, MySQL, Nginx, Postgres, S3, SQL, Sqlite

Development Tools: Bitbucket, Contentstack, Cypress, FreeBSD, Git, GitHub, Jira, Jest, Linux, MacOS, Wordpress

Experience

SENIOR SOFTWARE ENGINEER, MONGODB (REMOTE) — OCT 2022 - JULY 2025

Development Lead on MongoDB's Marketing team, responsible for spearheading transition of mongodb.com from self-hosted CMS to an off-the-shelf solution as well as maintaining website availability and security. Led architectural decisions around the web stack (Next.js, React, and Typescript) to enable scalability, maintainability, and type safety. Championed adoption of Tailwind CSS to optimize package size, maintain DRY coding standards, and streamline design to development pipeline. Mentored multiple contractors based in Brazil, Colombia, Mexico, Ukraine, and Poland to facilitate cross-timezone and cross-cultural coding work and maintain quality coding standards.

SENIOR SOFTWARE ENGINEER, CISCO (AUSTIN, TX) — 2019 - 2022

Front End / UX Engineer on Cisco's SecureX Threat Response software which aggregates data from dozens of endpoints to identify indicators of compromise (IoCs) and construct actionable threat intelligence. Leveraged React.js, SCSS, Redux, D3, Recharts, Clojurescript, and Cypress to create visualizations that can be interpreted by non-security professionals to facilitate threat remediation.

FOUNDER / SOFTWARE ENGINEER, DREAMLINE STUDIOS (AUSTIN, TX) — 2015 - 2019

Designed, developed, tested, and deployed real-time platform for managing inventory, saving \$60,000+ in material costs yearly. Included full stack JavaScript application using Meteor, React, MongoDB, and GraphQL, mobile iOS and Android apps using React Native, Apollo, GraphQL, and QR Code Scanner for taking inventory counts, optimizing inventory count time from 8 hours down to less than 3 hours.

SENIOR TECHNOLOGIST, HANDSOME (AUSTIN, TX) — 2018 - 2019

Spearheaded the development of desktop & web-based software projects envisioned by the extremely talented and creative Handsome UX team. Collaborated with cross-functional teams from Russia, Ukraine, Africa, and South America to develop mobile applications, web applications, plugins, and proofs of concept for startups as well as Fortune 500 companies.

SOFTWARE ENGINEER III, **SOVOS** (BOULDER, CO) — 2016 - 2017

In charge of Front End Development for the transition of ShipCompliant Tax Software Product from legacy front-end frameworks to React. Refactored existing components to meet latest standards, developed full front ends for legacy applications, developed front end with minimal designs provided, often participating in design process, and trained other members of the team.

WEB DEVELOPER, **FAHRENHEIT MARKETING** (AUSTIN, TX) — 2015

Developed marketing websites using WordPress with completely custom themes built from scratch using PHP, Bootstrap, LESS, and shell scripts to automate many development, monitoring, and deployment activities. Provisioned and managed Linux-based servers.

FULL STACK WEB DEVELOPER, **WHITE LION INTERACTIVE** (AUSTIN, TX) — 2014

Built websites using PHP, Javascript, and CSS, using Laravel, Kohana, and Wordpress frameworks. I focused mainly on the front end (CSS, SCSS, HTML5) and honing my ability to develop pixel-perfect sites by working closely with excellent designers.

Education

University of Arizona, Tucson, AZ — 2013

BSBA Management Information Systems (MIS) | CS Minor

Hack Reactor - Full Stack Web Development Program — 2013
