NATHAN DRAKE

Software Engineer | Front-End Development

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SOFTWARE ENGINEER CANDIDATE

Building smarter, faster, and more effective software without the bloat, bottlenecks, or unnecessary complexity—making what's good even better.

Design System Engineer with 3 years of rapid growth in front-end development, specializing in accessible component libraries using React and TypeScript. Obsessed with delivering exceptional user experiences through clean code and more effective software. Pinpoint problems quickly, communicate needs, and deliver solutions that balance speed, quality, and impact.

- Technical leader who improves both systems and teams, an asset to growing companies. Understands business, moves fast without breaking everything, and knows when to push back.
- Founded web3 agency after completing software boot camp, an incubator that accelerated development experience.
- Leverage both enterprising spirit and unique music industry background for strong collaboration and problem-solving, a product-minded approach to development with ability to prioritize features and ship often.
- Highly communicative, consistently commended for contributing clear explanations with engaging delivery for organization-wide impact. Delivered over 12 technical presentations on front-end development topics. Hosts: React ATX meetup, Paylocity's Day of Gracious Learning, and Parsity. Topics: TypeScript, Design Systems, Zod, and useEffects.

Programming Languages: TypeScript, JavaScript, Python, CSS, Solidity, SQL
Libraries and Frameworks: React, Next.js, Node, Express, Web3.js, Ethers, Discord.js, Vite
Tools and Platforms: Git, Azure, AWS, Vercel, Heroku, Netlify, PostgreSQL, MongoDB, Storybook, Cypress, Playwright, Puppeteer

PROFESSIONAL EXPERIENCE

SENIOR SOFTWARE ENGINEER | DESIGN SYSTEM | Paylocity – Schaumburg, IL **February 2023–Present**
Cloud-based provider of human capital management and payroll software solutions.

Promoted to senior role to continue leading development and implementation of new component library built on React Aria while significantly improving platform's consistency, efficiency, and accessibility. Ensure consistent development standards, managing code quality initiatives for the 70+ component library, implementing ESLint, Prettier, and lint-staged.

- **Captured 79% improvement** in regression test coverage after addressing performance and accessibility challenges after enhancing existing component library with improved testing and TypeScript integration.
- **Streamlined project management and code sharing,** leading migration effort for the team's codebase into NX monorepo.
- **Reduced release failures and improved debugging capabilities** by rewriting all scripts from JavaScript to TypeScript, refining release process, and building pipeline.
- **Promoted best practices and encouraged knowledge sharing** by initiating and leading bi-weekly engineering discipline meetings, leading to faster problem-solving and improved execution.
- **Averaged 6.75 points per ticket** compared to 13-member team's 3.54 average, consistently handling most complex tasks.

FULL-STACK WEB3 SOFTWARE ENGINEER | Drake & West, LLC – Austin, TX **May 2022–Present**

Developed full-stack web3 applications for diverse clients—NFT artists to gaming companies—building responsive and performant frontends. Implemented complex smart contract interactions and blockchain event listeners using TypeScript, Node.js, and Web3.js.

Early career as a music industry professional with 10+ years as audio engineer, drummer, and manager. Worked with notable acts and achieved music placements in popular TV shows (Vampire Diaries, Gossip Girl). Edited and produced numerous podcasts, developing keen ear for audio quality and narrative flow. Stage managed festival tours. Mixed and produced songs.

EDUCATION

Certificate, Software Engineering | Parsity

Bachelor of General Studies [BGS], Business Management, Economics, Photography
TEXAS STATE UNIVERSITY, San Marcos, TX

Associate of Arts [AA], Commercial Music and Recording Technology
DALLAS CEDAR VALLEY COLLEGE CAMPUS, Lancaster, TX