



Brandon Irving

Innovative Staff Software Engineer | Expert in Scalable Frontend & Full-Stack Solutions | React, React Native, Node.js Specialist

📍 Orlando, FL 📞 19545548848 @ birvingfau@gmail.com 🔗 Creator and Developer of Nani

**Summary**

Innovative and results-driven Staff Software Engineer with over 7 years of experience architecting and delivering scalable, high-performance applications for enterprise and consumer markets. Expertise spans React, TypeScript, React Native, Node.js, and cloud technologies (AWS, GCP). Proven leadership in guiding Agile teams, developing patented solutions, and optimizing development workflows. Passionate about crafting simple, elegant solutions to complex technical problems and enhancing user experiences.

<b>Experience</b>	<div><div><b>Altruist</b> Staff Software Engineer   Team Lead <a href="https://altruist.com/">https://altruist.com/</a><ul style="list-style-type: none"><li>Led a cross-functional team of 5 engineers to develop and enhance features for Altruist's flagship web and mobile app using React, React Native, Node.js, and TypeScript.</li><li>Designed, architected, and implemented the patented "Fault Tolerant Multi-Account Opening" feature, leveraging React, TypeScript, Temporal, Java, and Node.js for robust and scalable account operations.</li><li>Developed scalable SDKs to unify application integrations and CLIs, improving developer experience and accelerating onboarding.</li><li>Spearheaded CI/CD pipeline improvements via GitLab, introducing automated testing and rigorous code review practices to enhance deployment quality.</li><li>Enhanced platform observability with Datadog and Sentry for proactive monitoring and issue resolution.</li><li>Built internal tools, including Chrome extensions and Retool apps, to streamline employee workflows and operational efficiency.</li><li>Championed Agile methodologies, conducting code reviews, driving technical alignment, and mentoring junior developers.</li></ul></div><div><b>Uptime Solutions</b> Senior Frontend Engineer <a href="https://uptimecm.com/">https://uptimecm.com/</a><ul style="list-style-type: none"><li>Led the migration of monolithic applications to modern React-based platforms with server-side rendering via Next.js, boosting performance and scalability.</li><li>Managed a 5-person Agile development team to deliver the company’s flagship product, "Worldview."</li><li>Engineered feature-rich applications with TypeScript and Next.js, enhancing operational workflows for enterprise clients.</li><li>Mentored developers on best practices in frontend architecture and Agile processes, fostering a culture of technical excellence.</li><li>Improved CI/CD pipelines with Jenkins for streamlined deployments and continuous integration.</li><li>Developed a reusable component library to accelerate feature development and ensure design consistency.</li></ul></div><div><b>PeakActivity</b> Full Stack Developer <a href="https://peakactivity.com/">https://peakactivity.com/</a><ul style="list-style-type: none"><li>Developed and optimized high-traffic React Native mobile applications for retail clients like City Furniture and YouFit.</li><li>Delivered cross-platform mobile solutions using Expo, ensuring seamless performance across iOS and Android.</li><li>Created reusable UI components and streamlined development with TypeScript-based internal libraries.</li></ul></div></div> <div><b>Dec 2021 – Present</b> Culver City, CA</div> <div><b>Nov 2019 – Dec 2021</b> Jacksonville, FL</div> <div><b>Mar 2017 – Nov 2019</b> Boca Raton, FL</div>
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<b>Projects</b>	<div><div><b>Creator of Nani The Fandom Charades App</b> Achieved a 4.9-star rating on the App Store <a href="#">Nani Marketing Site</a> <i>Available on iOS and Android</i><ul style="list-style-type: none"><li>Conceptualized, architected, developed and released a full featured mobile app. Showcasing 0-1 engineering qualities, architectural skills and grit.</li><li>Developed using a Solito-based monorepo, enabling a single codebase for seamless cross-platform development across iOS, Android, and the web..</li><li>Leveraged Tamagui for consistent UI components and design across platforms, along with Expo and Next.js for dynamic and responsive experiences.</li><li>Built the marketing site with Next.js, optimizing performance and SEO to effectively promote the app and engage users.</li><li>Achieved a 4.9 rating on the App Store, reflecting exceptional user satisfaction and engagement.</li><li>Streamlined the development process using modern tooling and monorepo structure, ensuring rapid iterations and cohesive updates across platforms.</li></ul></div></div>
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<b>Education</b>	<div><div><b>Florida Atlantic University</b> Computer Science &amp; Engineering <ul style="list-style-type: none"><li>Senior Project: Cancer Support Web Application</li><li>Florida Medallion Scholarship Recipient</li></ul></div></div> <div><b>2014-2018</b> Bachelors of Science</div>
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<b>Skills</b>	<div><div><b>Languages &amp; Frameworks</b> TypeScript, JavaScript, React, React Native, Next.js, Node.js, GraphQL, Redux Toolkit, Zustand, CSS/HTML, Python (proficient) ●●●●●</div><div><b>Backend Expertise</b> Node.js, GraphQL, Python, Java. ●●●●●</div><div><b>Mobile Development</b> Cross-platform app development, native modules (Swift, Kotlin) built into React Native Applications ●●●●●</div><div><b>Debugging &amp; Testing</b> Jest, React Testing Library, Cypress, Selenium, Playwright ●●●●●</div><div><b>Security</b> Secure coding practices, observability with Datadog/Sentry, CI/CD pipelines with security integration ●●●●●</div><div><b>Leadership</b> Agile Team Leadership, Code Reviews, Technical Mentorship ●●●●●</div></div>
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