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WORK EXPERIENCE

Software Engineer III — *RXNT*— Remote　　　　　　　　　　　　　　　　　　**July 2023 – Present**
- Spearheading development of CEO's top priority dashboard features for 2024, having been selected as the strongest React engineer
- Integrating checkout with the Stripe API to make adding new products and promo codes seamless for the future
- Suggesting and implementing feature-specific and large-scale changes to enforce better UX practices across the whole company
- Improving developer experience by constructing new local development tools and processes

Software Engineer I — *SupplyPike* — Rogers, AR　　　　　　　　　　　　　　**March 2022 – July 2023**
- Led a team to construct a new product for Walmart retail fine prevention which prevented over $1M in fines for suppliers in early access
- Collaborated with UX designers to build one-click fine disputing functionality in React, which won back over $500k for suppliers
- Sped up database queries by as much as 2000% and assembled efficient data structures in TypeScript to handle retrieved data
- Managed engineering intern hiring flow and participated in hiring panels for engineers from intern to senior level

Software Engineering Intern — *Affirma Consulting* — Fayetteville, AR　　　　　**June 2020 – February 2022**
- Implemented new custom monthly notification protocol in ASP.NET C# at the request of Microsoft CSSBI as the consulting customer
- Solved user-submitted review consistency issue reports via layered analysis of Microsoft SQL Server database
- Updated customer service actionability processes using image generation libraries to meet new security/compliance standards
- Rebuilt verbatim-scanning R scripts for more intelligent customer review sentiment detection

EDUCATION

Bachelor's of Science in Computer Science (BSCS) — *University of Arkansas* — Fayetteville, AR　　**August 2019 – May 2022**
4.0/4.0 GPA, First-Ranked Senior Scholar, Minor in Mathematics

PERSONAL PROJECTS

Angora Band's Official Website　　　　　　　　　　　　　　　　　　　　**January 2024 - Present**
- Setting up centralized location for all band-related information, from streaming and social media links to live performance dates and locations
- Using React and TailwindCSS to upkeep fantastic UX across multiple devices with responsive menus and cached dark/light mode preference
- Hosting site on Netlify with automated deployments at https://angora.band and adding new features quickly as requested by the client

Volunteer Head Judge for Woodland Junior High Robotics　　　　　　　　　**October 2023 - February 2024**
- Judged local junior high VEX IQ robotics competitions, including interviewing student teams and grading design notebooks to place awards
- Instructed new judges on processes and following Robotics Education and Competition Foundation practices for student safety and integrity

Arkadia Retrocade Official Website　　　　　　　　　　　　　　　　　　**August 2021 - Present**
- Developed official website for a local beloved arcade based on the GeoCities style including a Spring Boot-powered arcade cabinet status page
- Built administrative phone-OS-agnostic mobile app in Flutter for owner to update game list in real time and track maintenance needs
- Deployed site using Netlify and Fly.io (though still awaiting official release on the business' domain — temporary URL available upon request)

J.B. Hunt 24-Hour Hackathons　　　　　　　　　　　　　　　　　　　**October 2019 - Present**
- Volunteering as an overnight code mentor after having placed in the top four at 4/6 events in college, including one first place win
- Experimented with unfamiliar technologies like MQTT, Vue.js, computer vision, and Android app development in college projects

PROFICIENCIES

- **Technical**: JavaScript (incl. React, Nest, Next, Koa, Angular, Vue), TypeScript, Node, HTML/CSS, Python, Flutter, MongoDB, NoSQL, PostGreSQL, Microsoft SQL Server, C# (incl. .NET Framework, .NET Core), Java (incl. Spring Boot, Android Studio)
- **Workflow/CI-CD**: Git, GitHub, GitHub Actions, JIRA, Azure DevOps, agile methodology, Docker, Figma, Kubernetes, AWS S3
- **Linguistic**: Professional English (native), Mandarin Chinese (intermediate), German (beginner), Dutch (beginner)
- **Other**: 100% eligible for EU Blue Card