

Jared Sudarshan Beresford

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EDUCATION

Georgia State University, *B.S. of Business Administration, Computer Science Concentration*

Expected Fall 2028

Coursework: Data Structures, Computer Organization, System Level Programming, Discrete Math,

GPA: 3.82

Involvement: Vice President of [PROGSU](#)

EXPERIENCE

Software Engineering Intern Premium Food Service

Feb 2025 - Present

- Engineered full-stack inventory management software with React.js, Supabase, and Azure, enabling real-time data sync and automated low stock alerts for over 500 SKUs
- Designed and deployed a containerized backend infrastructure using Docker Compose, NGINX, and Linux, implementing fault tolerant storage and secure file access to support internal applications and development workflows
- Implemented CI/CD pipelines with GitHub Actions and Docker, automating build/test/deploy workflows to staging servers and reducing release lead time from over 24 hours to under 30 minutes

Frontend Engineering Intern Gwinnett County Government

Mar 2024 - Dec 2024

- Optimized SEO through analyzing Lighthouse and Google Analytics, implementing Long-Tail keywords, and updating meta to align with best SEO practices, increasing overall website traffic by 15%
- Refactored UI architecture to support modular design patterns, reducing bundle size by ~ 25% and improving developer productivity
- Refactored frontend architecture for responsive, mobile-first performance, integrating React components with REST-based WordPress endpoints via Axios and async hooks, improving page load speed by 40%

TECHNICAL SKILLS

Languages: Python, JavaScript, Typescript, HTML/CSS

Tools/Databases: Supabase, PostgreSQL, Azure, CI/CD, Figma, Git, Tableau, Power BI, Microsoft 365

Frameworks/Libraries: React Native, Expo, React.js, Express.js, Node.js, Tailwind CSS, Next.js

PROJECTS

Hacklanta – [Website](#)

Notion, Google Workspace, Trello, Excel

- Directed operations as Vice President for progsu's first hackathon, Hacklanta, achieving over 400+ attendees by building end to end infrastructure, including logistics, financials, vendor coordination, and a run of show
- Secured \$20,000+ in corporate sponsorships for a first year hackathon by developing and pitching a compelling sponsorship package to industry partners, followed by maintaining relationships for the following event
- Onboarded and managed a team of over 20 person executive team across logistics, growth, and technical, delegating responsibilities and maintaining team alignment under a 5 week planning timeline

Alphora – [Website](#)

React Native, Expo, PostgreSQL, Typescript,

- Architected mobile learning platforming with React Native + Expo, PostgreSQL, and Supabase, enabling over 100 interactive quizzes with stateless scaling
- Implemented secure user auth/session model with live data syncing using Supabase Auth and PostgreSQL for progress sync and streaks, maintaining ~100 users with a 20% retention
- Set up a CI/CD workflow using GitHub Actions to automatically build and deploy web assets to GitHub pages on every merge to main, cutting deployment time from ~4 minutes to under two minutes using build caching