Jeffrey Yang

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EDUCATION

Georgia Institute of Technology 									Aug 2022 – Dec 2025
B.S. Computer Science | Minor in Economics 							*Atlanta, GA*
Focus: Computational Intelligence & Human Computer Interaction | Clubs: Georgia Tech Men's Varsity Crew Team

WORK EXPERIENCE

Nebo Agency 										Dec 2022 - Present
Software Engineer 										*Atlanta, GA*
- Engineered comprehensive cross-platform mobile employee management system using TypeScript, React Native, and Expo, creating over 70 screens and translating complex UI designs into functional, high fidelity interfaces.
- Seamlessly integrated a RESTful API with a front-end application, managing over 90 distinct endpoints, improving data retrieval speed by 200% and boosting app responsiveness.
- Initiated and led project scoping for MVP development, collaborating with clients and designers to define key requirements, timeline, and deliverables. Selected optimal tech stacks and oversaw code reviews/deployments.
- Designed and implemented a performant web application using TypeScript, Next.js, and Material UI, building over 40 reusable, production-grade components with responsive design and accessibility in mind.
- Led TestFlight deployment, ensuring compliance with Apple's guidelines and enabling a smooth release pipeline

Platinum Robotics 									Nov 2020 - Dec 2022
Founding Engineer 										*Remote*
- Migrated Chrome extension from Create React App to Next.js, resulting in a 65% performance boost and a 10% increase in engagement time for over 1,000 users.
- Led a team of 4 developers in the redesign of a multi-feature browser extension, incorporating modular components and state management solutions with Redux.
- Optimized existing application code, reducing memory usage by 30% and improving the load time by 250% through efficient state management and React hooks.
- Revamped API call architecture, implementing efficient caching and request batching strategies, which resulted in a 40% decrease in loading times and significantly reduced server load for critical client systems.

PROJECTS

EverMail AI
- Built a custom email generation pipeline and lead engagement dashboard for recruiting teams and SDRs, integrating core LLMs, data enrichment APIs, IMAP-based inbox access, and CRM workflows.
- Engineered robust, ACID-compliant user management and billing systems using PostgreSQL and Stripe.
- Achieved a 35% uplift in conversion rates through advanced A/B testing methodologies using PostHog, coupled with in-depth analytics and performance tracking via Google Analytics.
- Executed a high-impact SEO strategy by partnering with blogs, niche communities, and influencers - driving 8,000+ backlinks from over 200 unique referring domains.

FetchNotifs
- Built and scaled platform automating equity research report generation covering digital and blockchain assets, serving 30,000+ users across multiple communities.
- Led a team of 20+ engineers, researchers, and subcontractors across development, engagement, and operations.
- Directed iterative, human-centric design and development processes for responsive dashboard and landing page using TypeScript, React, Next.js, and Styled Components.
- Engineered a high speed web indexing system using TypeScript, Node.js, and Cheerio.
- Designed and implemented a dynamic pricing strategy, leveraging price discrimination to optimize conversion.

SKILLS

Languages: TypeScript, JavaScript, Java, Python, HTML, CSS

Libraries: Node.js, Express, React, Next.js, Vue.js, Electron, React Native, Styled Components, Redis, D3

Tools: Git, GitLab, MongoDB, Postgres, Cypress, Postman, Insomnia, AWS, Vercel, Stripe, Docker, Figma

Miscellaneous: Problem-solving, Verbal / Written Communication, Microsoft Office Suite, Project Management