Natalia Jordan

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SUMMARY

Software Developer with over 2 years of professional experience in Full-Stack and Front End experience building mobile, web, and desktop applications using JavaScript, TypeScript, React, Python, GraphQL and Vue.js. Skilled in optimizing user experiences through data-driven decisions, A/B testing, and performance enhancements. Proven expertise in developing complex API-driven applications, optimizing front-end architecture, and enhancing user experiences through performance improvements such as caching, CDNs, lazy loading, and reusable UI components. Committed to collaborating with cross-functional teams to deliver innovative software solutions that meet user needs and drive product success.

PROFESSIONAL EXPERIENCE

Adaptavist | Associate Software Developer (*Remote*)   *Apr 2023 – Mar 2025*
- Engineered a React-based instant analysis and data migration dashboard using Material UI and TypeScript that cut load times by 40% as measured by Lighthouse audits, and accelerated feature releases, reducing the time-to-market for new updates.
- Developed asynchronous programming techniques, including closures and optimized browser API usage, to boost front-end responsiveness for both mobile and desktop applications by 40%, ensuring smooth and responsive user interactions.
- Created a suite of reusable UI components, cutting development time for new features by 30% and improving application maintainability.
- Improved API data synchronization using GraphQL, reducing redundant queries and enhancing real-time performance by 60%.
- Developed an automated testing pipeline with Jest and Cypress (unit, integration, and end-to-end test suites), decreasing UI-related defects by 50%, improving code reliability.
- Refactored authentication mechanisms to integrate secure OAuth2.0 protocol within User Interface Components, increasing login success rates by 75% while fortifying security.
- Enhanced Lighthouse performance scores to 95+ by implementing lazy loading, caching, CDN implementations, optimizing assets, and reducing render-blocking resources.
- Optimized CI/CD pipelines, cutting deployment time by 40% and increasing deployment frequency while ensuring system stability.
- Led a cross-functional collaborative initiative to streamline architecture and development of UX-driven solutions, accelerating feature releases by 45% and boosting user engagement.

PROJECTS

React Dynamic Weather App   *Mar 2023 – July 2023*
- Built a responsive React Weather App using the OpenWeather API, enabling real-time forecasts with detailed daily views.
- Improved API efficiency with caching and error handling, ensuring fast and reliable data retrieval.
- Utilized Context API & Custom Hooks for scalable state management.

JavaScript Artwork Catalog Desktop App   *May 2024*
- Developed a desktop progressive web application using Vue.js for uploading and browsing artwork.
- Implemented search functionality, pagination, carousels, modals and a commenting system to increase user interaction.

Python Streamlit AI Visual Memory Assistant   *Dec 2024*
- Designed a Retrieval-Augmented AI Assistant integrating OpenAI API, Azure AI Vision, Whisper model, and Neo4j.
- Optimized and developed reusable UI components for seamless voice-based, chatbot and multimodal experiences.
- Integrated Neo4j for AI-driven memory recall, enabling fast and context-aware user interactions.

Node.js Books Directory API   *Feb 2025*
- Developed a RESTful API using Node.js & Express.js to manage a book collection.
- Optimized API response times for UI rendering by implementing indexed CRUD MongoDB queries and caching mechanisms.

ScrapeFlow – GoLang Distributed Web Scraper & Data Aggregator   Feb 2025
- Leveraged Go's concurrency and Colly's efficient scraping capabilities to simultaneously extract data from 20+ online sources.
- Developed a distributed web scraping pipeline in Go using Colly to collect, normalize, and store structured data in real-time.
- Implemented fingerprinting techniques for deduplication and data normalization, ensuring high data quality.

SKILLS

- **Front-End Technologies**: React, TypeScript, JavaScript, Next.js, Vue.js, HTML, CSS, TailwindCSS, Bootstrap, jQuery, GraphQL, SaaS, npm
- **UI Design Tools:** Figma, Material UI, Responsive Design, Web Accessibility (WCAG), Animation Libraries
- **Back-End & Databases**: Node.js, Python, Go, Java, SQL, MySQL, MongoDB, Express.js, PostgreSQL
- **Testing & Debugging**: Jest, React Testing Library, Cypress, Lighthouse Audits, A/B Multivariate Testing
- **Development Tools**: Git, GitHub, Docker, Bitbucket, AWS, CI/CD Pipelines, IntelliJ, VSCode, Atlassian Suite Tools
- **Security, Authentication & More**: OAuth2.0, JWT, Secure API Development, Web performance Optimization, Maven

EDUCATION

Cornell University
- M.S., Computer and Information Sciences, GPA: 4.21/4.0
- B.S., Computer and Information Sciences, GPA: 3.6/4.0