Isaac Edwards

Information Analyst

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Systems-focused Software Engineer and Data Analyst with a proven track record of driving a 386% revenue increase through strategic systems optimization and technical problem-solving. Expert in full-stack development and data orchestration, paired with hands-on experience in component-level hardware troubleshooting and mechanical system assembly. A self-motivated "hacker" who combines the technical literacy to manage Linux clusters with the physical stamina to deploy and maintain hyperscale data center infrastructure in high-pressure, 24/7 environments. Committed to operational excellence, data security, and the seamless integration of hardware and software.

Skills

- R, Python JavaScript, Node.js, SQL Advanced
- BigQuery, Google Firebase, Redis, Docker, Kubernetes, Next.js, Vercel
- Data Analysis, ETL Development/Transformation, Visualizations/Reporting, Hypothesis Testing
- Google Suite, Excel, Power BI, Tableau
- Agile, Critical Thinking, Descriptive Statistics, Data-Driven Decision Making.

Employment History

Back-End Engineer — Wurdo Capstone, Education(2025–Present)

- Implemented communication between Machine Learning via JSON API Requests (React + Node + Python + Redis), low-latency -300 ms lookup time using Redis hash/caching features for storage. cut P90 latency by 70% from static Postgres lookup.
- Built 3+ microservices (Node/Express, Redis) one being a batched cache stash for Redis to create a constantly learning ML Word Model and reducing server load and network bottlenecks by 90%.
- Implemented CI/CD with trunk-based dev; deploys scaled from weekly to 5-15/month; change failure rate <3%.

Front-End Developer — Cinema Guru, Education(2025–2025)

- Optimized backend queries (NeonDB) improving API response times over 80% by indexing key search columns and implementing pagination. Reduced server load by 45% through connection pooling and query batching.
- Built reusable, type-safe components (TypeScript) reducing runtime errors by +90% compared to untyped prototypes. Components were modularized for reuse across 3+ local projects.
- Implemented OAuth 2.0 authentication (NextAuth) cutting login friction by 60% via pre-validated sessions and token-based auth. Auth flow was tested across 3 mobile OSs with 98% success rate.

Not Another Bagel — Local Business(2025 - Present)

- Clean, merge, organize and group Square reports track sales/flavor trends of bagels sold, tracking and comparing numerous other metrics such as time of day, time of year, seasonal food trends online, sales reported by other companies, combination of sold flavors, solo purchase vs bulk buy etc.
- Increased sales of YOY 55% in summer and transition Q3 to Q4 months isolating flavor trends and promoting certain flavors from google search data and popular videos on social media.
- Marketing promotions through social media collabs of prominent creators grew following with an increase of exposure. Bringing revenue up 386% to the previous month and maintaining 33% of new customers.

Education

B.S Equivalent in Computer Science, Atlas School.
Google Data Analytics
Google Business Intelligence
Scrum Fundamentals Certified.