

# Software Engineer with Data Analytics Experience

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## SKILLS

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**Programming Languages:** Python, Javascript, SQL, HTML, CSS, VBA, Ruby

**Frameworks / Tools:** React, Redux, Node.js, Express.js, Socket.io, PostgreSQL, Jupyter notebook, AWS

## HIGHLIGHTED PROJECTS

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**JMAX** | (React / Redux, Express, Node.js, MongoDB, Socket.io)

[live](#) | [github](#)

- Constructed a backend with **Express**, implementing RESTful APIs for CRUD operations, while MongoDB optimized data storage, retrieval, and update, resulting in a 50% faster response time
- Developed responsive wireframes for JMAX using CSS Flexbox and Grid, enhancing mobile compatibility by 80% and improving user interface
- Implemented **AWS S3** bucket configurations and permissions to optimize image storage, reducing retrieval times by 30% and enhancing the user experience
- Solely integrated **Socket.io**, utilizing its event-driven architecture, to facilitate real-time user-to-user chats, designed to support potential scenarios of 1000+ concurrent conversations

**GlueTube** | (React / Redux, JavaScript, HTML, CSS)

[live](#) | [github](#)

- Spearheaded end-to-end integration of the frontend and backend, expertly employing React's useState and useEffect hooks for dynamic video rendering
- Crafted a multi-tiered commenting system using React components, with Redux's useDispatch enabling real-time state updates to facilitate active user interactions
- Engineered modular React components and harnessed Redux for efficient centralized state management, paving the way for streamlined development and easy scalability

## WORK EXPERIENCE

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### Accounts Payable Analyst

Hudson Bay Capital Management LP

June 2021 - April 2023

- Consolidated cash activity and fixed asset data from QuickBooks into Excel, utilizing pivot tables and conditional formatting, aiding in a 15% quicker financial decision-making process
- Pioneered VBA macros to automate repetitive Excel tasks, achieving a 200% boost in productivity and saving 20 hours weekly
- Optimized vendor invoice workflows by integrating VBA tools, resulting in a 50% reduction in processing errors and a 20% quicker response time to vendors

## EDUCATION

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**App Academy** Immersive software engineering bootcamp focused on full-stack web development

May 2023 - August 2023

- **Relevant topics:** Pair Programming, Object Oriented Programming, Responsive Design, Object-relational Mappers

**CUNY: Bernard Baruch College** Bachelor of Arts in Business Administration: Finance major | Philosophy minor

May 2021