

# Jason Bhatti

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## Full Stack Software Engineer

Dynamic and results-oriented Full Stack Software Engineer with extensive experience in optimizing software performance, employing TDD frameworks, and scaling applications to meet business needs. Demonstrated ability to lead engineering teams, improve development workflows, and deliver high-impact solutions. Thrives in Agile environments, leveraging strong technical acumen, strategic thinking, and effective communication to drive project success.

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

**Libraries:** jQuery, Underscore.js, Lodash, React.js, Material UI, Apollo, Axios

**Frameworks:** Node.js, Express.js, Next.js, React Native, Storybook.js, Tailwind CSS, Bootstrap, Jest

**State Management:** Hooks & ContextAPI, Redux, Tan Stack Query(react-query)

**APIs:** REST API, SOAP API, GraphQL

**Databases & ORMs:** MySQL, PostgreSQL, Sequelize, MongoDB, Mongoose, DGraph, DynamoDB, Dynamooose

**Other Tools:** Git, GitHub, Jira, Figma, OAuth, Auth0, NGINX, Babel, Webpack, Docker, Vercel, CI/CD, AWS

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## Professional Software Experience

**Lead Software Engineer**, CyberRisk Alliance, LLC 6/2022 - 7/2023

*NextJS / TypeScript / Hooks / GraphQL / StorybookJS / Auth0 / AWS / ReactBootstrap / WordPress / PHP*

- Led a team of 12 engineers in the maintenance and enhancement of 14 headless **WordPress** sites, improving site performance and scalability by 30%.
- Developed and launched web applications using **Next.js**, **TypeScript**, and **Storybook.js**, reducing development time by 25% through component reusability.
- Implemented an integrated Help Desk system with Monday.com, YouTrack, and Microsoft Outlook, increasing issue resolution efficiency by 40%.
- Collaborated with senior leadership to deliver technology, design, and content strategies, resulting in a 20% increase in user engagement and a 15% boost in site traffic.

**Co-Founder, Product & Software Engineer**, Charla Technologies, Inc. 7/2021 - 12/2022

*NextJS / Hooks / Apollo GraphQL / DGraph / OAuth2.0 / AWS / Tailwind CSS / Slack API / Golang*

- Spearheaded the development of a custom analytics SaaS platform, integrating social media data from multiple sources, which resulted in a 50% increase in data processing speed.
- Designed and optimized back-end **GraphQL** schemas, improving data retrieval times for thousands of users and millions of messages by 35%.
- Transitioned the back-end codebase from **JavaScript** to **TypeScript**, enhancing code maintainability and reducing runtime errors by 20%.
- Played a key role in the setup and deployment of **CI/CD** pipelines on **AWS**, ensuring 99.9% uptime for production environments.

**Project Manager & Full Stack Software Engineer | Blue Ocean - Secure Your Vote**

**(Capstone Project)**

*NextJS / ExpressJS / MongoDB / Hooks / OAuth / TailwindCSS / GoogleCivicAPI / HereAPI*

- Led the design and implementation of a secure voting platform, increasing voter access by 15% through an intuitive and responsive UI/UX.
- Integrated **Google Civic API** for real-time election data retrieval, enhancing the accuracy and reliability of the voting process.
- Increased platform security by implementing multi-layered validation protocols using **Here API**, resulting in a 40% reduction in security vulnerabilities.

## Education

**Full Stack Software Engineer Certificate** - Hack Reactor, Software Engineering Immersive, (Remote)

**Bachelor of Science**, Mechanical Engineering, State University of New York, Buffalo, NY