# Humza Malik

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## TECHNICAL SKILLS

**Skills:** HTML, CSS, JavaScript, Git, React.js, Redux, Jest, Context API, Styled-Components, Bootstrap, Node.js, Express.js, Python, PostgreSQL, SQL, Google App Scripts, BigQuery, Google Cloud Platform, Jira, Trello

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## EXPERIENCE

**Democracy Prep Public Schools**

*Lead Software Engineer*                                                                                   May 2022 - Present

- Revamped front-end and user interface of internal applications, leading to a 45% increase in daily usage across all applications.
- Developed and executed SQL queries, triggers, and stored procedures for 100-125 tables, resulting in a fully functional database that accurately displays over 100,000 student data points on dashboards.
- Streamlined workflow by creating and implementing a tool that automates data processing, reducing redundancy and saving the team 60-70 work hours a week.
- Mentored two junior developers and conducted daily pull request reviews to ensure high-quality code and adherence to test-driven development practices, reducing weekly bug reports by 25%.
- Implemented a weekly sprint planning, wireframing, and user stories creation process producing a 20% increase in on-time delivery of product features and a 15% increase in stakeholder satisfaction scores.

**JPMorgan Chase & Co.**

*Software Engineer, Associate*                                                                   January 2021 - May 2022

- Engineered end-to-end, mission-critical financial applications, incorporating complex user interface elements, responsive designs, and a REST API to enhance user engagement.
- Collaborated with cross-functional teams to gather requirements and design scalable solutions for various business units.
- Successfully delivered projects within tight deadlines utilizing Agile methodologies, including daily stand-ups, and sprint planning while managing project timelines and resources effectively.
- Wrote unit tests, conducted code reviews, and collaborated with quality assurance teams to rectify bugs.
- Analyzed application performance bottlenecks and implemented database optimizations, resulting in a significant reduction in response times and resource utilization.

**New York City Department of Education**

*Teacher*                                                                                         September 2019 - June 2020

- Spearheaded professional development sessions for colleagues on effective technology integration in the classroom, resulting in increased student engagement.
- Facilitated student-led projects, fostering student collaboration and cultivating teamwork and leadership skills.
- Utilized assessment data from 27 students to inform instructional decisions, identify student strengths and areas for improvement, and adapt teaching strategies yielding a 25% increase in overall learning outcomes.

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## EDUCATION

**Brooklyn College, City University of New York**

*Bachelor of Science, Computer Science | Bachelor of Arts, Childhood Education*

**Bloom Institute of Technology**

*Full Stack Web Development*