

Humza Malik

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TECHNICAL SKILLS

Skills: HTML, CSS, JavaScript, Git, React.js, Redux, Node.js, Express.js, Python, SQL, PostgreSQL, AWS, Azure, Google Cloud Platform, BigQuery, Jest, Jira

EXPERIENCE

Democracy Prep Public Schools

Software Engineer

May 2022 - Present

- Enhanced database performance by 30% through optimizing SQL queries, triggers, and stored procedures for 100-125 tables, leveraging BigQuery Warehouse technology to achieve faster response times for queries.
- Developed dynamic and responsive user interfaces with React.js, seamlessly integrated with Node.js backend services to deliver scalable solutions that optimize performance and enhance user experiences.
- Utilized Python scripts and automation tools to streamline data processing, reducing manual workload by 70 work hours per week and significantly improving efficiency and productivity.
- Achieved a 40% reduction in weekly bug reports within 2 quarters by conducting daily pull request reviews, fostering a culture of high-quality and test-driven development.
- Implemented a bi-weekly sprint planning process, leading to a 20% increase in on-time delivery and a 15% improvement in stakeholder satisfaction.

JPMorgan Chase & Co.

Software Engineer, Associate

January 2021 - May 2022

- Increased user engagement by 15% by engineering responsive and intuitive financial apps with a REST API, driving business growth and customer satisfaction.
- Utilized Agile methods, including daily stand-ups and sprint planning, to successfully deliver projects within tight deadlines, resulting in a 20% increase in team productivity.
- Ensured code reliability by writing comprehensive unit tests and working closely with QA to fix 50+ bugs, resulting in improved product performance.
- Improved application performance by 25% and reduced resource utilization by 15%, resulting in a more efficient and cost-effective system.

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.

EDUCATION

Brooklyn College, City University of New York

Bachelor of Science, Computer Science

Bachelor of Arts, Childhood Education