

Humza Malik

Humza.m97@outlook.com | (917) 856 – 8055 | [linkedin.com/in/HumzaMalik](https://www.linkedin.com/in/HumzaMalik) | Github: Humza23 | New York, NY

Software Engineer

Highly skilled and results-driven Full Stack Software Engineer with a proven track record of designing, developing, and deploying innovative web applications and systems. Adept at both front-end and back-end development, I bring a holistic approach to software engineering, ensuring seamless user experiences and robust system functionality. With a strong foundation in multiple programming languages, frameworks, and technologies, I excel in creating scalable and efficient solutions that meet and exceed client and end-user expectations. Some of my key technical strengths include:

- HTML
- CSS
- JavaScript
- Git
- React.js
- Redux
- Full Stack Expertise
- Google Cloud Platform
- Context API
- Styled-Components
- Bootstrap
- Node.js
- JIRA
- Express.js
- Python
- PostgreSQL
- SQL
- Google App Scripts
- Jest
- Trello
- Agile Development

WORK EXPERIENCE

Democracy Prep Public Schools

New York, NY

Lead Software Engineer

05/2022 – Present

- Lead engineer responding to all audit inquiries with a focus on strategic, operational, and regulatory/compliance related risks.
- Revamped front-end and user interface of internal applications, leading to a 45% increase in daily usage across all applications.
- Develop and execute 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.
- Managing two junior developers and conducting 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.
- Manage project budget and actuals in relation to scope of work and to maximize staff availability.

JPMorgan Chase & Co.

New York, NY

Software Engineer, Associate

01/2020 – 05/2022

- Developed and maintained mission-critical financial applications, ensuring high availability and reliability.
- Collaborated with cross-functional teams to gather requirements and design scalable solutions for various business units.
- Implemented end-to-end features, from front-end UI enhancements using technologies like React to back-end services using Java and Spring Boot.
- Designed and integrated RESTful APIs to facilitate seamless data exchange between different components of the application.
- Managed and optimized relational databases (e.g. SQL Server) to handle large volumes of financial data efficiently.
- Implemented database schema changes and performance tuning for improved query response times.
- Practiced Agile methodologies, participating in daily stand-ups, sprint planning, and retrospectives to ensure efficient project delivery.
- Adapted to changing requirements, delivering incremental updates and improvements to meet business needs.
- Wrote unit tests, conducted code reviews, and collaborated with quality assurance teams to identify and rectify software defects.
- Maintained a high standard of code quality and reliability through rigorous testing practices.

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- Ensured compliance with regulatory standards and security best practices, including data encryption and access control.
- Conducted security assessments and implemented measures to protect sensitive financial data.
- Analyzed application performance bottlenecks and implemented optimizations, resulting in a significant reduction in response times and resource utilization.
- Created comprehensive technical documentation, including system architecture diagrams and API documentation.
- Provided training and support to junior team members, fostering knowledge sharing and skill development.
- Successfully delivered multiple projects within tight deadlines, managing project timelines and resources effectively.
- Collaborated with project managers to define project scopes, objectives, and deliverables.

EDUCATION

Brooklyn College, City University of New York

Brooklyn, NY

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

Bloom Institute of Technology

New York, NY

Full Stack Web Development

Languages: Fluent in English, Urdu, Hindi and Punjabi