



TRIDHA MUKHERJEE

FULL STACK WEB DEVELOPER



(+1) 860-910-3594



tridha.mukherjee@outlook.com



www.linkedin.com/
in/tridhamukherjee



727 Savannah Cir, O Fallon, MO,
63368

EDUCATION

June, 2015 - June, 2019

Narula Institute of Technology, Kolkata,
West Bengal, India

Bachelor of Technology in Electrical Engineering

SKILLS

- **Programming Languages:** Python, R, C#, Java, SQL
- **Web Technologies:** HTML, CSS, JavaScript, Bootstrap
- **Data Analysis:** Python (Pandas, NumPy, Scikit-Learn, Matplotlib), Excel, SQL
- **Data Visualization:** Tableau, Power BI
- **Database Management:** Microsoft SQL Server, MySQL
- **Version Control:** Git
- **Tools:** Visual Studio, Microsoft SQL Server, Internet Information Services (IIS) Manager, Jupyter Notebook, Anaconda, HP Application Lifecycle Management (ALM)
- **Statistical Analysis:** Descriptive Statistical Analysis, Inferential Statistics
- **Soft Skills:** Problem-solving, Critical-Thinking, Attention to Detail, Adaptability, Resilience, Communication, Teamwork, Time Management

CERTIFICATION

Post Graduate Program in Data
Science, Purdue University, 2022

LANGUAGE

English

PROFILE

Dynamic and results-driven Full Stack Web Developer with extensive experience in creating scalable, efficient, and user-friendly web applications. Proficient in both front-end and back-end development, with a strong understanding of modern web technologies and frameworks. Skilled in designing responsive layouts, implementing interactive features, and optimizing performance to enhance user experiences. Adept at collaborating with cross-functional teams to translate business requirements into technical solutions. Seeking new opportunities in the field to leverage expertise, drive innovation, and contribute to impactful projects.

EXPERIENCE

November, 2020 - Present

Full-Stack Web Developer, Functional Tester, Changing the Present, NYC, USA

- Developed a full-stack e-commerce website (<https://changingthepresent.org/>) using C#, HTML, CSS and JavaScript, leveraging existing resources and build new capabilities
- Implemented predictive analytics using machine learning models to forecast sales trends.
- Monitored website performance and improved user experience through responsive design and seamless navigation, resulting in a increase in sales.
- Performed Impact Analysis and proactively reported Risks. Also, devised mitigation plans.
- Performed unit testing on the new code base.
- Designed and executed functional test scripts.
- Defect tracking and triage.

April 2019 - December 2019

Front-end Web Developer, Functional Tester, Technical Support and Database Management Associate, Agnik, Kolkata, India

- Developed responsive and user-friendly web interfaces (<https://vyns.com/>) using HTML5, CSS3, and JavaScript, ensuring cross-browser compatibility and optimization for various devices.
- Collaborated with designers and backend developers to implement front end functionality and ensure seamless integration with backend systems.
- Conducted code reviews and performed debugging to identify and resolve front end issues, ensuring high-quality deliverables.
- Worked with version control systems such as Git to manage codebase and facilitate team collaboration.
- Actively participated in agile development processes, including sprint planning, daily stand-ups, and retrospectives.
- Implemented database maintenance tasks, including backups, updates, and performance tuning, resulting in improved system efficiency.
- Conducted data analysis and provided insights to support decision-making processes within the organization.
- Created test plan and performed unit testing. Also, monitored website performance.
- Performed impact analysis and reported risks.
- Documented bug reports.
- Designed test scenarios and conditions and executed functional test scripts. Also, reported testing status.
- Created and managed test data.
- Performed sanity testing, regression testing, cross browser testing, and mobility testing. Also, tracked the defects and triage.
- Designed user training documentation.

MOST PROUD OF

- Successful Launch of a Complex Web Application
- Significant Performance Improvements
- Recognition for Problem-Solving Abilities
- Leading a Successful Team Project
- Contributing to Business Growth