



# Lakshmi Shaji

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## EDUCATION

- Temple University**, College of Science and Technology December 2021  
*Bachelor of Science* in Information Science and Technology  
*Certificate* in Computer Security and Digital Forensics
- University of Pennsylvania**, College of Liberal Arts and Professional Studies November 2021  
*Certificate* in Data Analytics and Visualization

## TECHNICAL SKILLS

<b>Agile Methodologies</b>	<b>Application Prototyping</b>	<b>Bootstrap</b>	<b>Business Analysis</b>
<b>C#</b>	<b>CSS</b>	<b>Data Modeling</b>	<b>ETL</b>
<b>HTML</b>	<b>Java</b>	<b>JavaScript</b>	<b>Matplotlib</b>
<b>Miro</b>	<b>Pandas</b>	<b>Postman</b>	<b>Python</b>
<b>SQL</b>	<b>Tableau</b>	<b>UX/UI Design</b>	<b>VBA</b>

## TECHNICAL EXPERIENCE

### Philadelphia Gas Works – Philadelphia, PA

#### Project Management Intern

October 2021 – January 2022

- Create and maintain project documentation such as project charter, project requirements and meeting agendas
- Utilize MS Project in order update and maintain project schedules
- Derive project requirements and action items during project meetings

### Temple University – Philadelphia, PA

#### Junior BA/ Front End Developer, Continuing Education Systems

May 2018-Septemeber 2021

- Drove redesign efforts for program office pages by creating 16 user personas to tailor site wide content for specific audiences
- Documented and completed a detailed test plan for Osher Lifelong Learning Institute's lottery system that found five potential defects prior to product release
- Implemented mobile friendly, responsive design that improved student registration journey by reducing page navigation time by 30 seconds
- Used REST API and JavaScript to bridge Temple University's centralized alerting system and noncredit shopping site to automatically populate weather alerts

## **TedxTempleU – Philadelphia, PA**

### **Director of Web Development and Maintenance**

November 2018- April 2019

- Designed a user interface for the TedxTempleU that drove efforts to sell 100 tickets for the event
- Collaborated with a design team to decide theme, layout, and content for the event site
- Implemented Bootstrap and CSS driven features to landing page in order to increase appeal and ease of navigation
- Engaged in participant selection process in order to evaluate, diversify and decide program speakers

## **TECHNICAL PROJECTS**

### **Employer CRM System**

January 2021- December 2021

- Collaborated with teammates to create a data model to define the division, upload, and maintenance of 2000+ rows of data
- Proposed features and UI design using wireframes built through Miro
- Created system directories using Bootstrap CSS, JavaScript, AJAX, and C#
- Utilized SQL commands and stored procedures to bridge UI to the database

### **EZ Email**

April 2021

- Created a multipage C# project that mimics the functionalities of an emailing system
- Applied login and account creation logic to read and write data to the database
- Constructed an appropriate data model to maintain emailing information
- Utilized stored procedures to carry out database operations