

Shirin Shahram

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LinkedIn: <https://www.linkedin.com/in/shirin-shahram/> | GitHub: <https://github.com/sshahram>

Portfolio: <https://sshahram.github.io/Portfolio-Shirin-Shahram/>

Result-oriented and self-driven Full Stack Developer with hands-on experience designing and implementing applications using a range of technologies and programming languages. Great team player leading cross-functional teams to overcome complex technical challenges using project management and problem-solving skills. Enthusiastic about learning new technologies and resolving difficult challenges with great attention to details. Have experience working in a highly regulated and fast-paced environment without missing any deadlines. Having received a “Certificate” in Full Stack Web Development from UC Berkeley.

TECHNICAL SKILLS

- Git, HTML5, CSS, JQuery, Javascript, Bootstrap, AJAX, Agile development, NoSQL
- MySQL, MS SQL, Express.js, Node.js, Sequelize, React.js, Handlebars.js, MERN
- R, Tableau, Visio, Minitab, AutoCAD, SPSS, REST APIs

PROJECTS

Tech Blog | Live URL: <https://bit.ly/3nKJLrf> | **GitHub Repo:** <https://bit.ly/3nR1ygf>

- Built a blog site in which users can create an account, publish articles, and share their thoughts.
- Modularized app using Model-View-Controller (MVC) framework and rendered dynamic HTML using Handlebars.js templating engine.
- Applied object-oriented programming (OOP), used Node.js and Express.js to build the server and API routes.
- Used object-relational mapping (ORM) along with Sequelize and MySQL to build the database.

Weather Dashboard | Live URL: <https://bit.ly/3vG4AH4> | **GitHub Repo:** <https://bit.ly/3b2d6rY>

- Designed a mobile-responsive website to display weather information.
- Used third-party APIs to display current weather conditions along with a 5-day forecast for searched cities.
- Saved history of searched cities and displayed them to users upon their request.

Team Profile Generator | GitHub Repo: <https://bit.ly/2QW1j7J>

- Created an interactive command-line application using Node.js to take in information about employees and generate an HTML webpage that displays summaries for each person.
- Applied test-driven development approach and created unit test suites using Jest.
- Applied object-oriented programming (OOP) by building constructor functions and classes.

Note Taker Application | Live URL: <https://bit.ly/2RthkC8> | **GitHub Repo:** <https://bit.ly/33rZ1Qx>

- Built a website for writing and saving notes.
- Used MySQL to store data and created API routes to retrieve data from databases.
- Dynamically changed the elements on the website using Javascript.

EXPERIENCE

Paramit Corporation, Morgan Hill, CA
Senior Industrial Engineer

6/2017-Present

- Managed a project consisting of a cross-functional team to design, test and implement a brand-new manufacturing execution system (MES), provided 100% traceability for products and increased customer satisfaction by 25%.

- Trained and supported users through implementation of new applications. Established and maintained positive relationships with users by answering their questions and assisting them in troubleshooting, resulted in 98% satisfaction rate.
- Developed a tool to calculate assembly quotes using SQL Server and macros in Excel , Analyzed data and generated reports to facilitate decisions about quoting and demand planning, Saved cost by more than 50% and increased customer satisfaction by 15%.
- Used project management tools to increase automation and develop new software in three departments (Quality Assurance, Test and Shipping Depts.), Worked closely with users and engineers to define database requirements and user interface for the new application, Implemented the new software and trained more than 30 users on it, Monitored workflow to make sure 100% transition has happened, increased efficiency by 30%
- Planned and designed 8 new production lines for three departments (Mechanic, Quality Assurance and Test Depts.), Worked cross-functionally with Engineering team, Procurement, Supply Chain to implement cost-effective solutions for new customers, Worked with Executive Levels to understand business requirements for designing new business operations, increased production by 40%

Santa Clara County Public Health, San Jose, CA
Industrial Engineer

1/2017-6/2017

- Planned and implemented quality improvement projects of different programs within the Public Health Department. Detected quality improvement opportunities within different programs and used problem solving skills to provide technical solutions, improved process flows by 20%
- Worked with executive levels to support and implement solutions. Supported and trained employees with "Quality Improvement" projects, resulted in 96% satisfaction rate.

San Jose State University, San Jose, CA
Teaching Assistant

8/2016-12/2016

- Helped students to understand different subjects of the course "Quality Assurance and Reliability".
- Assisted students in the learning process and answered all their questions.
- Designed quizzes and graded them.

Tehran University of Medical Sciences, Tehran, Iran
Data Analyst

5/2014-6/2015

- Collected and analyzed data to define a user interface for clinical data registry.
- Worked closely with the client to streamline and simplify the workflow of data collection and data entry by classifying patients' data based on different criteria, increased the efficiency by 15%

EDUCATION

University of California, Berkeley
 Certificate in Full-Stack Web Development

7/2021

San Jose State University
 Master of Industrial and Systems Engineering

5/2017

University of Tehran
 Bachelor of Industrial Engineering

6/2013