

# Prerana Shukla

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## » Profile

Software Programmer with eight years of full stack development experience across diverse industries. Expertise in developing web application, analysis, testing of business requirements and data requirements to drive deployment of applications, business processes and system solutions. Also an successful Analyst with great analytical, Excellent communication skills, high integrity, Creative, great leadership experience and deliver in a fast paced environment.

## » Work Experience

### Haworth

June 2022 - Present

#### Full Stack Web Developer

- Delivered and maintained scalable system architecture to support high-availability patient care program website with various internal applications.
  - Develop Angular application .
- Directed software design and development across multifaceted team to meet client needs for functionality, timeline and performance.
- Updated documentation with project deviations to capture changes.

### Pharmacommunications

Aug 2020- June 2022

#### Full Stack Developer/PHP Programmer Analyst

- Delivered and maintained scalable system architecture to support high-availability patient care program website with various internal applications.
- Develop PHP application that used database connection coupled with dynamically created SQL statements to facilitate list, edit, update, delete, search, and application administrative functions.
- Worked closely with clients to establish specifications and system designs.
- Design AJAX request to retrieve data.
- Directed software design and development across multifaceted team to meet client needs for functionality, timeline and performance.
- Updated documentation with project deviations to capture changes.
- Collaborated with product management to design, build and test systems.
- Built, tested and deployed scalable, highly available and modular software products
- Successfully build analysts dashboard for CSRs and management so that can view day-to-day or monthly progress of patient data that improved company efficiency by 80% in comparison to previous manual process.
- Revised, modularized and updated old code bases to modern development standards, reducing operating costs and improving functionality.

### Meridian Health Plan

Sep 2018- Dec 2019

#### Data Analyst

- Migrate and Map data from MCS database to QMS database.

- Perform population enrollment analysis to provide data driven report to quality and finance team for HEDIS measure development.
- Create PL/SQL Stored Procedure and functions for moving data from staging area to Data Mart.
- Create indexes on table to improve system performance significantly,
- Develop and modify triggers for data conversions and PL/SQL procedures to create database objects dynamically based on user inputs.
- Responsible for creating screen mock-ups based on functional design discussion and transfers these mock-ups to functional requirements using Balsamic and workflows using MS Visio.
- Develop and maintain data models, reporting systems, dashboards and performance metrics.
- Leading JAD Session with business stakeholders and present information for better understanding of requirement.
- Manages business requirement and functional requirement documents throughout all SDLC phases.
- Successfully lead deployment of application in production environment while working with programmer and verifying results with vendors.
- Responsible for creating Test plans, Test Cases and execute Test Strategy and supported business team during User Acceptance Testing.
- Developed SQL queries to obtain complex data sets from tables, test various report and ETL load jobs in QA and Production environment.
- Successfully completed 100% of year end data submission report to state of Michigan and Illinois with highest product quality while manage multiple projects.

## **Infosys**

**May 2015- Feb 2016**

### **Full Stack Developer/Programmer Analyst**

- Contributed software engineering expertise in development of retail products through software development lifecycle, from requirements definition through successful deployment.
- Setting up JAD Session with clients for requirements gathering, business analysis, project planning and general administration of project.
- Writing Complex SQL Code for Data Analysis and Data Validation Checking When Needed and Create python script to run SQL query on Server.
- Introduced methodologies and best practices that enhanced product definition, release processes and customization of applications to user needs.
- Excelled in rapid application development and management of technological issues for assigned projects, earning highest customer satisfaction rating for all software solutions delivered.
- Assisted sales team to close five major deals generating more than \$150K in revenue.

**Allied Digital Services**  
**Full Stack Developer/Programme Analyst**

**April 2013- May 2015**

- Researched, designed and implemented scalable web services, web applications and software application for information identification, extraction, analysis, retrieval, and indexing.
- Collaborated with project managers to select ambitious, but realistic coding milestones on pre-release software project development.

**Tata Consultancy Services**  
**Associate Software Engineer**

**Oct 2012- March 2013**

- Prepared out-of-scope circuits in Cramer manually and was responsible for making amendments in data migration of communication links from old application to new application.
  - Performed quality checks to ensure quality parameters are met and adhere to standard organizational procedures & methodologies.
  - Monitored day-to-day operations at micro level, maintaining daily checklists and executing tasks assigned in accordance with organizational standards.
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» **Skills**

- Languages: Java, Python, Web Design and Development, C++, C, C#, ASP.NET, HTML, CSS, XML, PHP, JavaScript, jQuery, AJAX, JSON, Node.js, Angular.js SOAP API, Restful API, Python.
  - Database: MYSQL, Oracle DB, SQL Server, PostgreSQL
  - Software: MS Office, Tableau, Talend, Sublime text, Visio, Helix, Jira, Confluence, GitHub, AWS Code Commit, SVN, SOAPUI and PHPunit, Linux.
  - Cloud: Amazon Web Service
  - CRM- Zoho and MS-Dynamics
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» **Education**

**North Maharashtra University, India**  
B.E Information Technology

**Oct 2009- June 2012**

- Relevant Coursework Completed: Management Implementation, C/C++/C#, Java, Data Structure, Network Design, Image Processing.
- Achieved highest grade in Image processing in entire University

**Monmouth University, West Long Branch, NJ, USA**  
**Sep 2016- May 2018**

MS in Computer Science

- Relevant courses – Artificial Intelligence, Network Design, Java Programming, Database Administration, Algorithm Design and Data Structure.

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## » References

Reference available upon request.