

# Balamurugan Sithanathan

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Adept web developer with around 4 years of work experience. Offering strong expertise in Java, Spring MVC, Hibernate, SQL, HTML/CSS. Seeking to secure a challenging position as a web application developer.

## EDUCATION

**MS in Management Information Systems (Jan 2021 – May 2022), CGPA: 4**  
**B. TECH in Mechanical Engineering (Aug 2012 – May 2016), CGPA: 9.229**

University of Illinois at Chicago.  
SRM University, Chennai, India.

## TECHNICAL SKILLS

**Web development libraries/frameworks:** WordPress, Spring MVC and Hibernate

**Programming Languages:** Java, C/C++, PHP, Python, HTML/CSS, and SQL

**Tools used:** Adobe Photoshop, Sublime, Eclipse, Git and Jira

**Others:** Web development, Software quality assurance and API development

## WORK EXPERIENCE

**Web Developer, UIC College of Medicine, Chicago, Illinois (May 2021 – Dec 2021)**

- Designed, developed, and owned various websites for the department and its Symposium using HTML, CSS, JavaScript, jQuery, and MySQL database.
- Worked on both front end and back end as a full stack developer and provided innovative solutions in website design and structure.

**Associate, Cognizant, India (Jun 2016 – Dec 2020)**

- Developed and owned Credentialing Verification Organization (CVO) batch job for provider verification purpose for both Credentialing and Re-Credentialing profiles.
- Worked on Council for Affordable Quality Healthcare (CAQH) batch Load execution to update provider profile with data from the CAQH file.
- Did code reviews and guided team members to follow standards and reducing time complexity in the code.
- Developed a separate Profile based work list to display the status of all the profiles under the application.
- Developed contracting functionality, which routes a profile across the modules based on the requirements.
- Developed a dynamic mandatory field update screen based on which the mandatory fields are updated on the front-end screens on the go.

## PROJECTS

**Inventory Management System:**

- Created a web application using Java, Spring MVC, HTML, CSS, and JavaScript for Inventory control by connecting it to a backend MySQL server.
- Application has multiple user roles and can perform various actions like insert, search, update and delete based on role.

**Spirit Airlines Performance Analysis:**

- Analyzed various metrics of Spirit Airlines compared to its close competitors and with industry average using Tableau.

**Dynamic Credentialing Dashboard:**

- Developed a dynamic Credentialing Dashboard web page integrating robust workflows and SLA tracking abilities.
- It offers a cohesive, highly effective approach to Healthcare's Provider Data Management.
- Supervisors can have holistic view of all the information in a single user-friendly dashboard which thereby increases the efficiency to 90% and reduces the user effort drastically.

**Provider Health Monitoring Portal:**

- Developed a web-based application to automate the process of adding and tracking patient health records.
- The project was designed using JavaScript for the front-end and Java along with MySQL server for the backend.

**Techno-management fest website:**

- Developed a website for college techno-management fest using WordPress.
- Website provides a holistic view of all the event details and registration information along with various other categories.