Sri Venkatesh Sankaran

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Software Engineer graduated from Arizona State University with 3 years of professional experience. Emphasis on,
- Web Application development using React JS, Redux, JavaScript, jQuery, Ruby on Rails, HTML and CSS.
- Strong Object Oriented Design and Development experience with Java and MVC architectures like Spring.

EDUCATION

MS in Computer Science, Arizona State University,   GPA: 3.6/4, *May 11, 2015*
BE in Computer Science & Engineering, Anna University,   GPA: 8.3/10, *May 31, 2013*

RELEVANT WORK EXPERIENCE

Software Engineer at Cerner Corporation, Kansas City, Missouri   *July 13, 2015 — Present*

- Designed and Developed reusable web views using React JS, Redux, JavaScript, jQuery, HTML, CSS and Ruby on Rails for the Powerchart Touch Application.
- Powerchart Touch is a web/ iOS mobile application that provides the physician community on-the-go access to patient's conditions, lab results, demographics details and physician schedule.
- As an integral part of the agile team, developed the front-end web views using React-Redux libraries and the business/ application logic using Ruby on Rails by consuming Java API's.
- Responsible for triaging and fixing client defects and bugs in business-critical environment. Also, managed the release and deployment of the application.

Software Engineering Intern at Early Warning Services, Scottsdale, Arizona   *July 28, 2014 – May 1, 2015*

- Developed a component using CloverETL and Java for de-duping input files containing customer records.
- Designed and Developed a solution for creating alerts from the de-duped files, considering the logistics of duplicate alerts and multiple subscriptions for the Identity Chek Service Alerts Solution.
- Identity Chek Service Alerts Solution is used by Identity Protection providers to notify subscribers of questionable activity occurring within their deposit accounts.

ACADEMIC PROJECTS

Secure Banking System
- Designed and Implemented an online banking application to provide and manage secure banking services for users. The application was developed using Spring MVC, Hibernate, Bootstrap and jQuery technologies with features like SSL, PKI, OTP and cryptographic security.

Recommendation and Customization Engine for SaaS Application
- Developed Recommendation and Customization Engine on SOASaaS (EasySaaS) application framework using TF/IDF recommendation algorithm for customizable web services in E-commerce domain.

Tip Calculator Application
- Developed an application to calculate and configure tip for each guest using design patterns like Model-View-Controller, Business Delegate and Observer patterns in Java.

Menu Generator Application
- Designed an application to generate menu by reading inputs from XML and JSON files using creational design patterns such as Abstract Factory, Factory Method and Singleton in Java.

Hotel Booking System
- Developed a multithreaded application for travel agents to book rooms in a hotel. The system can notify the agents through event handling and allow concurrent bookings through semaphores and locks.

Online Food Order Processing System
- Developed a system to handle customer orders and to add and remove items from the cart.
- Implemented using C# and ASP.NET incorporating the concepts of cookies, sessions, and global pages.

TECHNICAL SKILLS

- **Programming –** React JS, Redux, Java, JavaScript, jQuery, Ruby on Rails, HTML5, CSS3, Objective-C.
- **Frameworks –** Spring, Hibernate, Bootstrap, JUnit, WebdriverIO, RSpec, Capybara, Jasmine, Mocha.
- **Tools & Technologies –** Webpack, Babel, Docker, GitHub, Splunk, Chef, Xcode, Oracle, MYSQL.