# Uthistran Selvaraj

## Lead Software Engineer

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*Lead Software Engineer with around 11 years of proven leadership and meaningful contributions to teams of varying size and scope. With my results-driven mentality, I transformed my teams at Light & wonder and Syncfusion by seeking, learning, and teaching new, efficient technologies to make aggressive deadlines consistently achievable. Passionate about going the extra mile to ensure the customer is unquestionably satisfied with the product and service provided. With emphasis on scalable and well-documented code, I look forward to working collaboratively as well as spearheading independent projects.*

## SKILLS

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| **Languages** | JavaScript, C#, TypeScript |
| **Libraries** | React, JQuery, Underscore, Syncfusion, CryptoJS, MaterialUI |
| **Frameworks** | Angular, NodeJS, ExpressJS, ElectronJS, Ionic, Windows Forms, WPF |
| **Test** | Jasmine, Cypress, NUnit |
| **CI/CD** | Jenkins, GIT |

## WORK EXPERIENCE

### Light & Wonder - Advanced Software Engineer

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| August 2019 – current | Las Vegas, NV, USA |
| April 2016 – August 2019 | Chennai, India |

- Front-end development for Casino applications. Applications include cardless, cashless transaction on slot machines, Beverage ordering systems, Service request, Live TV, Local ads integration, Amazon integration and many more.

- Manage Projects and provide estimation/cost and responsible for delivery of custom web applications and cloud content.

- Develop and manage cross platform web applications for variety of screen resolutions in slot machines, Kiosks and mobiles.

- Developed game simulators to help the developers and QA to work on the product without need of the physical slot machines and kiosks reducing their testing time by 70%.

- Handled product's integration with other in-house products and third-party by coordinating with respective team and delivered it with success.

- Provide technical leadership on a multi-million-dollar redesign which include development of a UI framework using responsive design principles.
- Designed and developed frontend module with ionic framework and backend with NodeJS, ExpressJS for low-cost display device targeted for microscale casinos.
- Implemented telemetry to gather metrics for internal product analysis, improvement and to monetize the loyalty and bonusing.
- Involved in architecture and system design of content management system developed for casinos to create and manage content from cloud.
- Facilitate Agile adoption and increased efficiency of the team
- Establish checkpoints, approvals and processes, and enforce them automatically with help of GIT
- CI/CD pipelines via Jenkins for automated QA and backend.
- Worked with Quality Assurance to get custom web pages/products tested and addressed any issues within 48 hours.

## Syncfusion Software - Software Engineer

April 2012 – April 2016                                                                                 Chennai, India

- Participated in the developer training in learning and implementing the JavaScript and C# library.
- Developed modern UI Controls library built from the ground up to be lightweight, responsive, modular and touch friendly using HTML, CSS and JavaScript.
- Developed and managed .Net File formats library to read and write Excel, Word, PowerPoint and PDF files from C#.NET with just few lines of code
- Involved in development of UI controls like data visualization charts, File Viewers, Forms, Grids and many more in ReactJS, Angular, Windows and WPF
- Involved in Theme Studio tool for customizing pixel-perfect, built-in themes which are available in Material and Bootstrap.
- Published knowledge base articles for various use cases and work around in using the UI library which reduced team's support activity by 50%.
- Worked with Quality Assurance to maintain stability and resolved issues raised with quick turnaround to comply with promised timelines.

**Education**
**Bachelor of Engineering** Electronics and Communication from Anna University, India | 2011