**Suresh Chandra**

**Email**: suresh.chandra.work@gmail.com | **Phone**: +65 9231 9621 | **LinkedIn**: linkedin.com/in/suresh-chandra-sg |

**Website**: sureshchandra1.wixsite.com/my-site | **Location**: Singapore

Dedicated computer science graduate with a passion for software development, I am actively seeking full-time career opportunities as a software developer. Proven expertise in C#, C++, SQL, Unity, React, and CSS, coupled with leadership experiences from leading as the producer role in multiple academic projects. I am committed to delivering high-quality software solutions and supporting both company and personal goals.

**Professional Experience**

**Software Engineer | NCS PTE LTD**

*February 2023 – January 2024*

· **Project:** **MOH HOMES Service Request Team (C#, ASP.NET, DBMS SQL, Bootstrap, jQuery, JavaScript)**

· Developed and optimized batch jobs in C# and SQL database, resulting in improved job performance and data processing efficiency.

· Upgraded the HOMES web portal by migrating to Bootstrap5, Kendo UI, and jQuery, enhancing visual appeal and user interaction.

· Applied hot fixes to support production incidents and performed deployments, ensuring continuous system operation.

**Software Engineer Internship | Singapore Institute of Technology**

*January 2022 – June 2022*

· **Project:** **LTA-SIT collaboration First Mile Last Mile (FMLM) Virtual Reality research project via agile practice (C# Unity/OpenVR)**

· To provide research data on the usability of VR to assist in FMLM

· Development of data recording tools to provide management and visualization of data and UI/UX menu navigations and functionalities.

· Provided operations and maintenance support for the project lifecycle and conducted user studies

**Network Engineer (Contract) | Genesis Networks**

*March 2015 – June 2015*

· Supported IISS Shangri-La Dialogue 2015 by working as a network engineer both onsite and backend.

· Supported network infrastructure for small to large companies.

· Provided IT support and conducted software installations, ensuring smooth operations.

**Education**

**Bachelor of Science in Computer Science in Real-Time Interactive Simulation (BSCS RTIS)**

*Singapore Institute of Technology - DigiPen Singapore | September 2017 – August 2022*

· **Programming Languages**: C, C++, SQL, Python, OpenGL

**Diploma in Computer Engineering**

*Singapore Polytechnic | April 2012 – April 2015*

· **Specialisation:** Computer Networking and Security

**Academic Projects**

**Kaki SG Android App - React Native / Firebase API**

*Roles*: Programmer / Producer Lead

*Technologies*: React Native, Firebase API

· Architected the application, integrated Firebase and React Native APIs, and managed authentication and database services

· Led a team of 3, overseeing project management and successful deployment

**Mars Effect – C# Unity/OpenVR**

*Roles*: Producer Lead / VR Programmer  
 *Technologies*: C# Unity/OpenVR

·      Developed Oculus Quest and Rift controller interaction, VFX shader graph, particle effects, and weapon mechanics.

·         Managed a team of 3, ensuring project milestones were met.

**Spaceza Hut - C++ Custom 3D Engine/OpenGL**

*Roles*: Producer Lead / Graphics Systems Programmer  
 *Technologies*: C++ Custom 3D Engine/OpenGL

·        Designed 3D graphics rendering architecture, 3D particle effects, and managed resources.

·        Led a team of 11, including programmers, designers, and artists, ensuring cohesive project delivery.

**Courses And Certification**

**NCS Nucleus Programme**

· Professional Scrum Developer I

·         NUS-ISS MTech Programme (March 2023 – January 2024)

·         Courses: Essential Practices for Agile Teams, Software Analysis & Design, Software Design Patterns, DevSecOps Engineering and Automation

**Udemy Web Development Course**

· JavaScript ES6, HTML, CSS, React.js, jQuery, Node.js, Express.js, JSON, RestAPI

**Skills**

**Programming:**

· C#, C++, C, SQL, JavaScript, React.js, HTML, CSS, Python, OpenGL

**Applications:**

· MS Azure DevOps, DBSSMS, Git, Unity, MS Visual Studio 2023, Tortoise SVN, Python Jupyter Notebook, Autodesk 3ds Max, Substance Painter

**Leadership & Inter-Personal Communication:**

· Project Planning and Execution, Team Communication and Collaboration, Adaptive Problem-Solving and Supportive Leadership