indra.varikuti@gmail.com
+91-8247019011
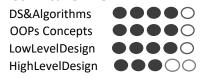www.linkedin.com/in/indrakumarreddy

Indra Kumar Reddy
Software Development Engineer

Languages

C++ ●●●●○
C# ●●●○○
Java ●●○○○

Technical Skills

DS&Algorithms ●●●●○
OOPs Concepts ●●●●○
LowLevelDesign ●●●●○
HighLevelDesign ●●●○○

Tools

Git, Gerrit, Jira, DOORS,
Mobaxterm, CLion,
Microsoft Visual Studio 2017

Responsibilities

- Requirement elicitation
- Design and Implementation of Assigned task
- Finding root cause of Pronto and fixing the issue
- Strong Knowledge in Data Structures and Algorithms
- Collaboration with technical teams in Hangzhou and Paris
- Product performance analysis
- Troubleshooting mission critical flaws in the software
- Agile Development

Personal Traits

- "Can-do" and continuous improvement attitude
- Excellent interpersonal and communication skills with an ability to work across diverse team
- Ready to pick up new technologies easily and quickly

Activities

- Nokia Bangalore innovation teammember
- Scaler Academy member

Objective

Software developer with 3.5 years of work experience in building software applications from concept to release across multiple domains using backend technology stack.

Professional Experience

Samsung R&D, Bangalore   **Aug 2021 - Present**
Senior Engineer
Project - MSVP
Technology Stack – C++, C

- Developing an NVME protocol Solid System Software.
- Developing an Cling Interface for MSVP Framework

Philips R&D, Bangalore   **Jan 2021 - Aug 2021**
Software Development Engineer II
Project - Image Guided Therapy
Technology Stack – C++, C#, .Net Framework

- Developing an application called Stent boost, which intended to provide a high resolution visualization of stents in vessel. It helps doctors in placing and deploying stent effectively.
- Developing an application called Bolus Chase, which helps doctors to calculate the Blockage Percentage

Nokia R&D, Bangalore   **June 2018 - Dec 2020**
Software Development Engineer I
Project - 5G-RAN GNB
 Design & Development of GNB(5G) control plane protocol stack for following features
 Project – NSA Handover

- NSA HO for IntraMeNB with & without PScell change
- Involved in the implementation of FSMs using boost::msm for Handoverprocedures.
- Implementation of Admission control at Layer

 Project - SA Handover

- SA HO for IntraMeNB with & without PScell change
- Implementation of SCG configuration in DU (SCell addition and Removal)
- Handling timeout scenarios during Sgnb Modification Request
- UT and System - component test scripting (Google Mock/GTest, Pytest and TTCN3 frameworks)
- Coding adherence to C++ SOLID principle

Education

- Bachelor of Technology in **Information Science and Engineering**   **GPA- 7.24**
   BMS institute of Technology, Bangalore, 2014 – 2018.
- Intermediate in Narayana Junior College, Hyderabad, 2012 - 2014   **GPA- 9.63**
- SSC in Sarojini High School, Kadapa, 2011 -2012   **GPA- 9.00**

Achievements

- Won 3rd place in Nokia Innovation Hackathon 2019
- Won 2nd place in War Code competition conducted by Techgig
- Won Leetcode June Challenge