

Sheik S Shajeen Ahamed

(+91) 9789909004 | shajeenahmed@gmail.com | github.com/shajeen

Software Engineer

- ➔ **Innovative software engineer** offering six plus years of experience in the full software development lifecycle – from concept through delivery of next-generation applications and customizable solutions.
- ➔ **Expert in advanced development methodologies**, tools, and processes contributing to the development and rollout of cutting-edge software applications.
- ➔ **Known for excellent troubleshooting skills**, able to analyze code and engineer well-researched, cost-effective and responsive solutions.

Key Skills

Languages: C, C++, Python.

Framework: Qt, Poco, Boost

Technologies: XML, Json, MySQL, Docker, Conan

Development tools: Qt Creator, Visual studio, Anaconda, Pycharm,

Debug tools: Valgrind, Gdb.

Version control: SVN, Git.

Professional Experience

Software Engineer, March/15 to Present - Indusnet Technologies.

- Design and developed application, microservice and library for an embedded system.
- Support clients from requirements analysis through design, coding, testing, debugging, implementation and integration.
- Worked on Agile development methodology with JIRA, Redmine project management software.
- Used object-oriented principles for class development to streamline efficiency and ensure a scalable and reusable architecture.
- Developed cross-platform GUI library using Qt framework, and core library using STL, Poco, Boost framework.
- Implemented various design pattern and idiom in core development.
- Implemented sockets and multi-thread in application development.
- Worked on SVN version controlled system.
- Wrote documentation for new and legacy applications.

Project:*Microservice cloud application:*

REST base microservice server responsible for all backend calculation and data management.

Developed service layer which communicate 3rd party server on request.

Developed various module, data handling like edge service, data management, message bus (via rabbit mq), etc.

Embedded GUI application:

HMI interface with touch support for various screen size. Run time UI adoption depended on product. Real time data updation.

Software Engineer, April/2013 to Feb/2015 – Akas Medical private Ltd.

- Designed and coded application functionality in a real-time embedded.
- Worked on full product development life cycle with Agile development methodology.
- Ported application on various ARM architecture System-on-chip.
- Customize and build Linux kernel according to application requirement.
- Modified and build linux os, and coded shell script to support the application.
- Developed GUI application using Qt framework, the library using STL.
- Worked on Git version controlled system.
- Identified and capitalized on code re-use or integration opportunities.
- Worked with network-enabled application programming interface.

Education

P.B College of Engineering - Chennai

Bachelor of Electrical and Electronic Engineering (EEE), 2009-2012.

Achievements

Best Employee Award - for taking over Project on interim bases and project completed.

Special Gift - for Solving CC Problem in software side.

Declaration

I hereby declare that statements made in this document are true to the best of my knowledge and belief.

Place: Chennai

(Sheik S Shajeen Ahamed)