

WORK EXPERIENCE

SMITHS DETECTION

Senior Software Engineer

Bangalore, India

May 2020 – Present

Associated with Smiths Digital R&D team.

- Building a distributed application that enhances operator experience with rich UI and scalable back end.
- Leading a team of four to ensure in house development capabilities for all customer products.

Tech Stack: Angular, JavaScript, Spring boot (Java), Kafka and RabbitMQ.

CI/CD Tools: Docker, Kubernetes, Git, Bit-bucket, JIRA and Jenkins.

QUALCOMM

Software Engineer

Hyderabad, India

June 2013 – March 2020

Involved with all stages of SDLC i.e., design, development, deployment and testing a windows-based desktop application.

- Designed/developed extensible framework to develop lightweight components using MEF.
- Lead design and development of Coded UI Test Framework (CUIT) to ensure automated and extensible test capabilities.
- Developed framework to incorporate C++ static libraries and load library plugins dynamically.

Tech Stack: C#, C++, .NET (XAML), WPF, MEF and LINQ.

CI/CD Tools: Perforce, JIRA and Jenkins.

ITTAM SYSTEMS

Software Intern

Bangalore, India

May 2012 – July 2012

- Owned server-side implementation for Dynamic Adaptive Streaming over HTTP (DASH) to enable high quality streaming of media content from HTTP servers.

EDUCATION

- **National Institute of Technology, Trichy**

B.Tech in Computer Science & Engineering (CGPA : 8.52/10)

Tiruchirappalli, India

July 2009 – May 2013

PROJECTS AND ACHIEVEMENTS

- Optimized Job-shop scheduling problem by 23% using Taboo Search & Firefly algorithm.
(NIT Trichy, June 2013)
- Implemented COUNTER mode for Triple Data Encryption standard with 2 keys in a 2D mesh interconnected network.
(NIT Trichy, June 2012)
- Secured 2nd rank in college and 76 overall in ACM ICPC coding competition 2012.
- Secured AIR 1710 and SR 78 in AIEEE 2009.