

# Mohamed Kangasani

M.S., CQIA, LSSGB

Healthcare Process Engineer



Mohamed brings a wide range of professional experience in optimizing systems using lean, operational modeling and discrete event simulation in Healthcare and Manufacturing sector.

Mohamed utilizes the data driven approach to enhance the process improvement initiatives in conjunction with the facility planning. He strategically applies Industrial engineering and Design thinking tools across complex projects providing quantifiable business value. Prior joining NBBJ, Mohamed worked as a Research Project Associate for a medical center undertaking projects including re-layout of laboratories, improving flow of material and reducing staff footprint. He has also worked as a Project Engineer with the one of the largest construction equipment manufacturer facilitating operational and lean six sigma initiatives. Mohamed earned his Master's degree in Industrial and Systems Engineering from SUNY Binghamton University and his Bachelor's degree in Mechanical Engineering from Anna University.

## EDUCATION

### Master of Science, M.S.

#### Industrial and System Engineering

Binghamton University, State University Of New York

### Bachelor of Engineering, B.E.

#### Mechanical Engineering

Anna University, Chennai, India

## PROFESSIONAL AFFILIATIONS

### Certified Quality Improvement

**Associate** American Society for Quality, New York

### Certified Lean Six Sigma Green Belt

Binghamton University, New York

### Master Diploma in Product Design

and Analysis CADD Centre India

## RELEVANT EXPERIENCE

### Atrium Health, Campus Expansion

Charlotte, NC - Healthcare Process Engineer

### Spectrum Health, Master Plan, Grand

Rapids, MI - Analyst

### Arnot Ogden Medical Centre\*, Quality

Improvement  
Elmira, NY - Research Project Associate

### Sodexo\*, Process Improvement

Binghamton, NY - Associate

### Caterpillar Inc.\*, Material Handling Quality

Department  
Thiruvallur, India - Project Engineer