



# Ranji Raj Nair

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## Social Network

YouTube Channel  
Linkedin Profile

## Languages

German  
English

## Programming Skills

Python  
R  
Java  
C  
Silk Performer

## Soft Skills

Teaching  
Communication  
Analytical  
Organizational  
Visualization

## Other Mentions

Mentioned in Mumbai Mirror  
Student Seminar

## Working Experience

2016 – 2018 **QualityKiosk Technologies Pvt.Ltd.** Role: Test Engineer  
Virtualization of services for various private banking applications by creating mock responses and stub creation using licensed and open source tools to test web services. Performed system monitoring to determine the performance bottlenecks through client coordination.

## Education

### Study

2019 – pursuing **Master Studies** Otto von Guericke University  
Focus: Data and Knowledge Engineering  
2012 – 2016 **Bachelor Studies** Datta Meghe College of Engineering  
Focus: Information Technology  
2000 – 2012 **Primary and Secondary Schooling** SIO's Vani Vidyalaya

## Publications

2017 **Structured Programming Approach**  
TEK97  
Book on Basic C language practices  
2017 **Operating Systems**  
TEK97  
Book on internals of OS  
2018 **Computer Organization and Architecture**  
TEK97  
Book on Microprocessor Architecture and Techniques  
2018 **Analysis of Algorithms**  
TEK97  
Book on common data structure algorithms

## Research Papers

2019 **Biometric benchmark based on Handwriting and Hand Geometry Modalities**  
Otto von Guericke University  
Identification of inter-class and intra-class variance including the impact of forgeries concerning security aspect

## Awards

2017 Knowledge Transfer session QualityKiosk Technologies  
2016 Student of the Year Datta Meghe College of Engineering  
2015 Second rank Academic Performer Datta Meghe College of Engineering

## Projects

Master Work Android application to detect morphed passport images.  
Work Service Virtualization of Banking Services at Techprocess Pvt.Ltd.  
Work Scalability and Load Testing at HDFC Bank  
Bachelor Information Retrieval using Web Search Engine Optimization  
Bachelor E-commerce website using PHP with connection to PayPal SandBox  
Bachelor Coffee shop website development