



# Ranji Raj Nair

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## Social Network

YouTube Channel

LinkedIn Profile

GitHub Page

## 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 Programmes

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