PERSONAL INFORMATION	
Name (As on Passport)	**RANJIRAJ RAJENDRAN NAIR**
Address	Arnold-Zweig Street. 30, 39120, Magdeburg, Germany
Primary Mobile	**+49 15906347223**
Alternative Mobile	**+91 9870794639**
E-mail	ranjiraj4141@gmail.com
Nationality	Indian
Date of Birth	18/11/1994

WORK EXPERIENCE	
• Dates (from – to)	**JULY 2016 – APRIL 2018**
• Name and address of employer	QualityKiosk Technologies Pvt. Ltd. 419A, C – Wing, Rupa Solitaire, Millennium Business Park, Navi Mumbai – 400710, Maharashtra, India.
• Type of business or sector	Software Testing and Quality Assurance
• Occupation or position held	Test Engineer
• Main activities and responsibilities	• 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. • Was responsible for creating a middleware in Python using monkey patching technique for creating mock responses.

PROJECTS	
Master(Voluntary)	Global Pandemic Predictor - a simple linear regression machine learning model for predicting the total cases of pandemic from OWID dataset. Built using Python libraries (Pandas, NumPy, Statsmodels, Pickle, Matplotlib, Seaborn). Model is further represented as a Flask Web Application with a backend database connectivity to SQLite3 using SQLAlchemy. Later deployed to Heroku PaaS on Cloud Platform (Webserver used: Waitress, Version control: git bash). As an alternative also Dockerized this application to decommission the need of storing onto local setup or virtual environment.
Master	emojivoto - a simple example application containing three dockerized microservices and a website. Website illustrating list of emojis you can vote for and a leaderboard with the emojis with the highest votes with the full-fledged application running on SysEleven cluster. (Application environment was on Linux, Ubuntu 18.04 distribution. Kubernetes components used: Ingress, Helm, Pods, Deployments, Services, Horizontal Pod Autoscaler).
Master	Android application to detect morphed passport images. (Development of Android application called 'Demorpher' which takes the user image and compares with a pre-existing morphed image.

STUDY PROGRAMMES		
• Dates (from – to)		APRIL 2019 – current
• Name and type of organization providing education and training		Otto von Guericke University, Magdeburg
Focus		Computer Science - Data and Knowledge Engineering
• Title of qualification awarded		M.Sc.(Master)
ECTS (average) Semester 3/4		2.5
• Dates (from – to)		AUGUST 2012 – MAY 2016
• Name and type of organization providing education and training		Datta Meghe College of Engineering, Airoli, Navi Mumbai
Focus		Information Technology
• Title of qualification awarded		B.E (Bachelor of Engineering)
• Education Board		Mumbai University
• Level in national classification (if appropriate) • CGPA • Percentage		CGPA – 7.90 Percentage – 70.46% ECTS: 2.0
• Dates (from – to)		SEPTEMEBER 2010 – MAY 2012
• Name and type of organisation providing education and training		SIO's Vani Vidyalaya Junior College, Mulund, Mumbai - 400080
Focus		Senior Secondary Schooling
• Title of qualification awarded		Higher Secondary Certificate
• Education Board		Mumbai Divisional Board
• Dates (from – to)		JUNE 2004 – MAY 2010
• Name and type of organisation providing education and training		SIO's Vani Vidyalaya Secondary, Mulund, Mumbai - 400080
Focus		Primary and Secondary level of education
• Title of qualification awarded		S.S.C (Secondary School Certificate)
• Education Board		Mumbai Divisional Board
COMPETITIVE EXAMS AND CERTIFICATIONS		
IELTS /TOEFL OVERALL SCORE INDIVIDUAL SCORE TEST DATE:		(IELTS) Overall - 7.0 (R – 7.0 , L – 8.0 , S – 6.0, W – 6.0)
GERMAN LANGUAGE PROFICIENCY INDIVIDUAL SCORE TEST DATE:		(Goethe – Zertifikat A1) Overall - 67 (Reading – 18.26, Listening – 14.94, Speaking – 17.43, Writing – 16.6)

LANGUAGE SKILLS					
MOTHER TONGUE		**Malayalam** (Native Proficiency)			
OTHER LANGUAGES		**Hindi**	**English**	**Marathi**	**German**
• Reading skills		Basic Proficiency	Professional Proficiency	Basic Proficiency	Basic Proficiency
• Writing skills		Basic Proficiency	Professional Proficiency	Basic Proficiency	Basic Proficiency
• Verbal skills		Basic Proficiency	Professional Proficiency	Basic Proficiency	Basic Proficiency
PERSONAL SKILLS AND COMPETENCES		**Student of the Year (2016)** for UG program from the Institute, **Second ranker in Third Year academics (2015)**, Graduate certificate in **JIMA UCMAS Abacus and mental arithmetic program (2009).** Published book on **Structured Programming Approach (C language)** for Mumbai University, First Year Engineering (2018), Published book on **Operating Systems** for Mumbai University, Second Year Engineering (2018), Published book on **Computer Organization and Architecture** for Mumbai University, Second Year Engineering (2018), Published book on **Analysis of Algorithms** for Mumbai University, Second Year Engineering (2018). *Teaching – On YouTube (channel name: **Ranji Raj**) with more than **30,000** subscribers on topics related to **Data Science**.				
SOCIAL SKILLS AND COMPETENCES		• Leprosy Elimination Action Programme • All India Flag Day Collection Drive for the Blind • Road Safety Patrol Course • Vocational-cum-Management Training Institute & Other Service Projects • Team Building Activity			
ORGANISATIONAL SKILLS AND COMPETENCES		• Worked under a team of 5 responsible at banking domain for testing of the application using automation tool and also load creation and report preparation. • Used to perform system monitoring to determine the performance bottlenecks through client coordination.			
PROGRAMMING SKILLS AND COMPETENCES		Python(PEP8), Data structures, OOPS, Numpy, Pandas, Tensorflow, Seaborn, Matplotlib, statsmodels.api, scikit-learn, R programming, SQL			
OTHER COMPETENCES		Machine Learning, Deep Learning, Linux, Docker, Kubernetes, Git, Flask, Jupyter Notebook, Heroku.			

Above details are true to my knowledge.

RANJIRAJ NAIR