

Nijo Varghese Karively

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PERSONAL PROFILE

Experienced full stack developer passionate about designing innovative solutions to automate processes and increase organizational efficiency. Well-versed in managing all stages of the software development life cycle from requirements analysis and feasibility studies to deployment, testing and maintenance. Independently-driven but also enjoy collaborating with colleagues to implement a variety of projects, both customer-driven as well as in-house bespoke applications. In previous roles, via automation of organizational processes, I reduced network infrastructure deployment and product testing costs by 45%. Currently looking for a challenging new experience that will expose me to new software practices, platforms and technologies.

TECH STACK

API: Swagger (OpenAPI), Google Apigee

DevOps: Docker, Kubernetes, Grafana, Ansible, VMware, Jenkins, Jasmine, Cucumber, Enzyme, Cypress

Front-end: React, Angular, Vue, Ionic, React Native, Flutter, Xamarin

Back-end: Node.js, Python, Java

Data: MySQL, MongoDB, OracleDB, Firebase

Services: GitHub, GitLab, Bitbucket, Subversion, Jira

CMS: TYPO3, Drupal, WordPress, Joomla

Software: AutoCAD, 3ds Max, Maya, Rhino3D, DaVinci Resolve, Adobe Creative Suite

PROFESSIONAL EXPERIENCE

British Telecom Group plc, UK

September 2020 - Present

Software Engineer, Global Connect Design Hub

- Design UX/UI for in-house automation platforms
- Consult with clients for requirements and business specifications prior to development initiatives and gather client feedback at the end of each development cycle
- Update and optimize obsolete in-house applications by implementing React framework
- Oversee and mentor team of front-end software developers for creating in-house reporting tool
- Design and build API services utilizing OpenAPI specifications
- Manage Qlik dashboards for accounting and management teams
- Establishing relationships and collaborations with personnel from various departments across the globe to facilitate unit, integration and system testing

September 2018 - September 2020

Graduate Software Engineer, DyNS

- Design and implement software solutions to automate provisioning of Meraki SD-WAN products as well as testing of Cisco SD-WAN products
- Create robust RESTful API gateway and endpoints
- Develop software tools to efficiently automate network designing tasks
- Lead developer of customer SD-WAN proof-of-concept lab, showcased at Cisco Live Event 2020
- Build and maintain virtual labs using VMWare pipelines for testing Cisco products
- Identify, document and report bugs on Cisco SD-WAN products
- Train graduate engineers on software development and network best practices

One Team Logic Limited, UK

October 2017 - August 2018

Support Developer, MyConcern Project

- Develop and debug MyConcern data extraction service
- Facilitate MyConcern user's integration with server-side data extraction tool
- Liaise with customer's technical teams for support, platform integration and troubleshooting

Dezrez, UK

April 2017 - May 2017

Intern, Wallboard Project

- Develop ASP.NET MVC solution that integrates multiple SOAP and REST APIs (including LogMeIn Rescue, ShoreTel and Microsoft Dynamics) into a user-friendly dashboard for the in-house customer support team

UN Food and Agriculture Organization (FAO), Italy

January 2016 - June 2016

Consultant, Forestry Division

- Redesign VRD (Voluntary REDD+ Database) financial questionnaire
- Migrate the VRD front-end to a corporate proprietary framework (phase 1)
- Migrate the VRD front-end to a TYPO3 framework (phase 2)
- Redesign the VRD front-end to be compliant to corporate guidelines and standards
- Update structure and maintain VRD database and back-end

October 2013 - June 2014

Intern, Climate, Energy and Tenure Division

- Develop Python pipelines to perform data mining and financial analysis on raw data
- Create graphs and infographics for progress reports and annual reports
- Update, manage and maintain the VRD front-end and back-end

EDUCATION

2015 - 2018

University of South Wales

Bachelor's Degree in Software Engineering

Honors: First Class

2012 - 2015

Istituto CEFI Academy of Information Technology

Master Certificate in Architectural Rendering

Master Certificate in Modelling & 3D Animation

Certificate in CAD Design

Certificate in Java Programming

2009 - 2015

Università di Roma "La Sapienza"

Bachelor's Degree in Aerospace Engineering

LANGUAGES

English - fluent with Cambridge Proficiency Certificate

Italian - mother tongue

Malayalam - mother tongue

French - basic knowledge, A2 level

HOBBIES & INTERESTS

In my spare time, I have fun playing video games, but also spending time outdoors hiking. As a sociable and outgoing individual, I also enjoy participating in team sports to keep fit and healthy, especially soccer and cricket.