

## R Abhilash Nair

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## Objective

To succeed in an environment of growth and excellence and earn a job which provides me satisfaction and self development and helps me to achieve organizational goals.

## Professional Summary

- A Full-stack developer with 7.9 Years experience in Angular(v2,4,5,8,9), AngularJs, Typescript, NodeJs, Python, Protractor, Wordpress, JQuery, Javascript, Cordova, Java etc technologies.
- Having experience in Database technologies like PostgreSQL, MongoDB, MariaDB / MySQL, Ms-SQL, IndexedDB.
- Framework used ExpressJS, LoopbackJs(2,3,4), Cordova, Codeigniter 1-3, Zend, Express.
- Having experiences with client interaction and Requirement document gathering and analyzing.
- Designing Databases for projects.
- Experience of leading a team of Maximum 5-10 people.
- Training technologies among subordinates or new joiners.
- Managing Cloud and Linux Servers.
- Bachelor Degree in Computer Science Engineering.

## Technical skills

**Coding languages** - Typescript, NodeJS, Core Java, J2EE, JSP, Protractor, Mobile Development, PHP, Wordpress.

**Scripting languages** - Python, Javascript.

**Database skills** - PostgreSQL, MongoDB, MariaDB / MySQL, IndexedDB, LinvoDB, Ms-SQL.

**Frameworks** - Cordova, Angular v9,v8,v5,v4,v2, AngularJS, ExpressJs, LoopbackJs, Ionic 3, Struts, Hibernate, Codeigniter, Zend, Onsen UI, Bootstrap.

**Cloud platform** - Microsoft Azure

**Tools** - PyQGIS, PyQT Designer, Docker, Webpack, Gulpjs.

## Experience

May 2019 - present

### **Cyient, Hyderabad** – *Senior Software Engineer*

- Designing and building Standalone, System, Web, Mobile(Android) apps.
- Requirement gathering and communication within the team.
- NMS servers access and update code for relevant information.
- Managing Azure services.
- Designing the Database scheme and Creating Custom Logics as per requirement of client.
- Testing and rectifying bugs related to it.
- Deploying apps to server Google Playstore.
- Deploying apps to the server using docker.

JUNE 2018 - APRIL 2019

### **Arth Design Build, Hyderabad** – *Full Stack Developer*

- Designing and building Web, Mobile(IOS and Android) app.
- Designing the Database scheme and Creating Custom Logics as per requirement.
- Applying automation testing via Protractor.
- Testing the existing app and rectifying bugs related to it.
- Deploying apps to server, Apple and Google Playstore.
- Helping colleagues.

JANUARY 2016 - JUNE 2018

### **Threshold Software Solutions, Hyderabad** – *Developer*

- Taking requirements from the client and planning according and implementing the same either in frontend as AngularJS, Backend as NodeJs, and Mobile app with hybrid app using Cordova.
- These requirements are shared among teammates and find out the possible constraints and solutions for the same.
- Integration of design which has been discussed in the planning phase, and providing functionality to it.
- Checking security loopholes in application and providing solutions to the same.
- Testing applications and fixing bugs related to it.

JANUARY 2014 - JULY 2014

### **Hyphun Soft Tech Pvt. Ltd., Bhilai, Chhattisgarh** – *Jr. Developer*

- Maintaining the Hyphun and clients servers.
- Developing project flow and code.
- Worked as a Business Development Associate.

## Projects

- **TOMS (Telecom Operations management System)**

Spring Boot based application consuming Restful API's/SOAP/XML/JSON/Excel, etc providing network details like Bandwidth, End Devices, Neighbour Devices information, etc and storing relevant information from Network Management System(NMS). Information gathered is transferred to the Information Management System(IMS) to provide a virtual path along the devices, to provide a complete virtual network, which helps Network Engineers to take real time decisions.

**Awarded Bronze Medal (Team)**

**Technical Skill** - Spring Boot

**Client** - National Grid

- **BC Hydro**

Core Java based application for Telecom network for end to end connectivity using the VC4 framework. Scope of project includes Improving data quality for all network information to the circuit level, Automating circuit design, including mapping and fault analysis, Automating data transfer with integration across other corporate systems, Generating and tracking work orders for network changes.

**Awarded Bronze Medal (Individual and Team)**

**Technical Skill** - Core Java

**Client** - BC Hydro

- **Physical Network Inventory management**

PyQGIS based plugin implemented for telecom network inventory management systems. The project scope includes, creating the network elements, viewing updating attribute data, establishing associations between network features, creating the connection between ISP elements like Ports, Fiber, and Trace the telecom network and generating reports in different formats including 'xlsx' and 'xml'. Development of tools like Data import-export tool (Autocad drawing, shape files, Excel, database), Feature placement tool, Attribute Editor tool, Connectivity Creation tool and Report generation tool.

**Technical Skill** - Python, PyQGIS, PyQt Designer

- **NPO-CE(Network Planning and Optimization – Chief Engineering)**

Web and Mobile based solution for OpenReach's Engineering team. It has functionalities to support their complex workflow and mobile module for Field updates. As part of this project, he was responsible for frontend and backend development and Involved in bug fixes and technical support.

**Technical Skill** - Java, Struts, Hibernate, Javascript, JQuery, HTML, CSS

**Client** - British Telecom

- **Cyient In-house - NPO (Network Planning and Optimization)**

Web based GIS solution for telecom services. It has functionalities like User management, Workflow management and map module for network planning, report generation and mobile module for Field updates. He is responsible for development of backend services and Frontend design according to project theme, Involved in bug fixes and technical support.

**Technical Skill** - Java, Struts, Hibernate, Javascript, JQuery, HTML, CSS

**Client** - Airtel, British Teleom

- **Project “Hyrd”**

A leading telecom company from Netherlands works on designs, builds and maintains the telecom networks. Scope of the project is to develop a web and mobile solution in which it has to receive the data from multiple IOT devices across multiple platforms and provide required reports in specific formats by implementing the associated analysis and grouping functionalities. He is involved in development of decoder for many devices (More than 15 Devices from various vendors), development of API's for the IOT devices, development of Mobile platform for Android using Cordova – Angular and maintaining of azure servers, vendors IOT server and devices etc., along with customer support and training activities.

**Technical Skill** - Angular, AngularJS, NodeJS, Javascript, Docker, Azure

**Client** - Vialis, Farnborough airport UK

- Building LivBIM (<https://app.livbim.io>) A DSS tool Web, mobile App(Android and IOS), helps in the construction industry to detect problems and provide robust solutions, which .

**Technical Skill** -NodeJs, AngularJs, MongoDB

**Client** - CMC Construction Singapore, Terminus Infrastructure Hyderabad.

- A Governmental application (Sao Tome & Principe) to track issues related to governance, assigning ministers and checking feedback using Hybrid application development on Angular 5. Managing a group of 4 members and scheduling tasks for each with their job and responsibility, also helping them in for complicated solutions.

**Technical Skill** - AngularJs

**Client** - Sao Tome & Principe

- An Angular 5 application to track vendors and tracking orders placed by them by using Hybrid applications for Taiwan clients.

**Technical Skill** - Angular 5

**Client** - <https://agentdcorp.com/portal/>

- Application on Angular 4, to keep track of diagnosis of vehicle, and details related to it for improving vehicle standards and services

**Technical Skill** - Angular 4

**Client** - <https://autopeepal.com/>

- Customer management system, a product for European client scalable according to requirement for tracking project status and their reviews accordingly and provided detailed reports for each.

**Technical Skill** - AngularJS, PHP

**Client** - <https://test.sourcingcockpit.com/app/>

- Financial software as product for other East African Bank, for keeping records of Customers financial details, on Codeigniter and AngularJS.

**Technical Skill** - AngularJS, PHP

**Client** - East African Development Bank

- Financial tool for bank of Africa, for keeping records of customers financial details, build on Codeigniter framework for backend and AngularJS for frontend.

**Technical Skill** - AngularJS, PHP

**Client** - Bank of Africa

- Employee assignment tracking for Threshold employees, and report generation for each project and employee for project manager and other managers.

**Technical Skill** - AngularJS, PHP

**Client** - Internal project

- ERP system for educational institutes which can be customised according to client requirement, built on Codeigniter as Service, and AngularJS for front-end.

**Technical Skill** - AngularJS, PHP

**Client** - Miles Group, Hyderabad

## Education

**Chhattisgarh Swami Technical University (C.S.V.T.U), Bhilai Chhattisgarh** – *Bachelor of Engineering in Computer Science* – 2013.

## Achievements

- **Awarded Bronze medal** second time in a row, for dedication and perfection for 3rd Quarter 2021.
- **Awarded twice for Individual and Team Bronze medal** for dedication and perfection for 1st Quarter 2021.
- Active member and lead a team in Laqshya Techno Event from 2009-2013.
- Represented athletics and Volleyball teams.

## Skills

- Problem solving capability through various techniques including security.

- Exceptional leadership skills developed through assisting juniors in projects.
- Flexible team player who prospers in a fast-paced work environment.
- Self motivated strong team player.
- Highly critical thinker with effective researching skills proven through work experience.

## Personal Details

**Nationality :** Indian

**Date of Birth :** 20 June 1987

**Marital Status :** Single

**Language :** English , Hindi , Malayalam.

## Declaration

I hereby declare that the details submitted are true to the best of my knowledge.

**Date :**

**R Abhilash Nair**