Bharath Kumar R

Embedded Software Designer

Date Of Birth	01-01-1995
Languages	English, Kannada, Hindi
Gender	Male
Citizenship	Indian

CONTACT INFO

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Bhuvaneshwari nagar,
Bangalore
560023

EDUCATION

Bachelors in Electronics & Communication Engineering
VTU | Bangalore, KA

2019 | 54.62%

Diploma in Electronics and Communication Engineering
BTE | Bangalore, KA

2015 | 70.18%

SSLC
KSEEB | Bangalore, KA

2010 | 68.80%

SKILL HIGHLIGHTS

Leadership & Communication Skills •

Resource Management •

Complex problem solver •

Creative & Innovative •

Service-focused •

OBJECTIVE

To look forward to the work environment which is challenging and serves ample opportunity to develop the best in me and can be used for mutual growth.

WORK EXPERENCES

Embedded Software Designer
WorldServe, Bangalore | Jan 2020 - Present

My responsibility involves interfacing with hardware, As a developer, I worked on backend development for agile coding for Machine Learning algorithms collaborating with the GUI team and testing.
Projects:
- Power loss calculation, monitor and reporting
- Optic Disc extraction – Unsupervised

Tools: MatLab, Arduino, Simulink, Vision HDL

Technical Research Intern
WorldServe, Bangalore | Aug 19 - Jan 2020

My responsibilities involved function was to carry out comprehensive analysis and gather statistics on projects and assist my seniors. Major concentration was on acquiring an algorithm in finding exudates in a Fundus image. I used ML for extraction. Additionally, I wrote an Extensive Thesis on the findings performed by me.

Tools: MatLab, Simulink

PaCER 2020 - Publicity Head & Steering Committee Member
PiCes journal, Germany | May-Jun 2020

My responsibilities involved in PiCes - The First PAN-India Paper Writing Competition – PaCER 2020, was to publicize the competition by reaching out through social platforms and emails to academicians. I also hold a part in developing a multiplatform responsive website using HTML5, CSS and Javascript. Website activity, registrations were monitored using Google Analytics.

Tools: HTML5, CSS, JavaScript, Google Analytics

EXECUTIVE SUMMARY

I have overall 1 year of experience [as on Sept 2020]. I am currently employed with WorldServe since Aug 2019.
Good Knowledge on Core **Java**, **OOPs**, Exception, Collection, J2EE, MVC, MatLab. Technologies including **Android**, **HTML5**, **JavaScript**, **SQL Databases**.

Academic Projects

- Feature segmentation in an image to aid Ophthalmologists for Diabetic Retinopathy

- Home surveillance & automation bot that monitors, alerts the user and vacuums the floor

Personal Projects

- Coffee Ordering App
- Miwok Language App
- Earthquake updates App
- Contacts, Firebase-db, etc.

Hobbies

Photography
Motor Cycling
Movies

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Proficiencies

Programming Languages & Technology	Core java, Oops, J2EE, Android, C-sharp (C#), HTML5, CSS, JavaScript, MatLab, swift.
Operating Systems	Windows 7, 8, 10, macOS, Linux
Databases	PL/SQL, MS SQL, SQLite, Firebase R-DB, Indexed-database
Tools	Visual Studio Code, Android Studio, Eclipse IDE, Editplus, IntelliJ IDEA, GIT, MS SQL Server, Oracle 10g.

Training and Certificates

Java Certification ABC, Bangalore	Completed the UNIFIED COURSE offered covering Core Java, OOPs, J2EE, Frameworks and PL-SQL Training.	5 Months
5 Android Course UDACITY	Completed 5 courses offered by UDACITY in collaboration with google, covering Building Views, Intent and activity, Loops, OOPs, HTTP Networking, JSON phrasing, Data Storage, SQLite, Custom Adapters, Multi Screen Apps. Also developed some apps during the course.	3 Months
English Proficiency Certification	I have obtained a Lingual certification for English Language through IELTS test from British Council.	
Others	>Workshop on Python with Data Science conducted by Livewire. >Workshop on Data Structures by ABC for Technology Training. >Completed "Oops for Java (OCJA)" from UDEMY [1 Month]	

Declaration

I hereby declare that information provided is true and up to date to the best of my knowledge and belief.

Date: Signature

Place: Bangalore   [Bharath Kumar R]