

BHARATH BHARADWAJ B S



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Career Objective

Self-motivated and Target-oriented software engineer willing to get associated with a progressive organization that can provide a dynamic work sphere to extract my inherent skills and build myself as a Professional. Zealous towards calibrating skillset with new technologies and adapt innovative ideas for achieving best results for the endured growth of the organization.

Academics

- M.Tech. in Software Engineering at *Sri Jayachamarajendra College of Engineering, Mysuru* under VTU, Belagavi in the year 2016.
- B.E. in Computer Science and Engineering at *Maharaja Institute of Technology Mysore* under VTU, Belagavi in the year 2011.

Certifications

- "Python Fundamentals" under **Futureskills Prime, NASSCOM** on Dec 2021.
- "Cloud Computing" under **NPTEL** on Aug-Oct 2019.

Technical Skills

Languages:	Primary:	C, C++
	Intermediate:	Java, Python
Development Tools:	IDE:	Code::Blocks, Anaconda, PyCharm, Spyder, Jupyter Notebook
	Editors:	VSCode, Atom, SublimeText, vim, Notepad++
Operating System:	Linux(Debian), Windows XP/Vista/7/8/10	
Server:	Apache, Tomcat, Django	
Databases:	MySQL, SQLite, NoSQL	

Professional Profile

- Presently working as **Assistant Professor** at **Maharaja Institute of Technology Thandavapura** since 3rd July, 2017.
- Worked as **Lab Instructor** at **Maharaja Institute of Technology Mysore** from 27th February, 2012 till 30th June, 2017. (Field: System Maintenance, Network establishment, monitoring and maintenance).

Subjects Handled

Theory	
C Programming for Problem Solving	Cloud Computing and its Applications
Computer Graphics and Visualization	Data Structures and Applications
Dot NET Framework for Application Development	NoSQL Database
Object Oriented Concepts	Software Engineering
User Interface Design	UNIX and Shell Programming
Laboratory	
Computer Programming	Computer Graphics Lab with Mini - Project
Computer Networks	Data Structures
Design and Analysis of Algorithms	
Projects Guided	
Final Year Projects	6
Computer Graphics mini-projects	73

Additional Roles and Responsibilities		
Levels	Incharge/Co-ordinator	
	Current	Former
Department:	ISO Certification VTU – Department	Internal Assessment Academic Timetable
College:	Network Administration System Administration ERP Software VTU QPDS	Website Maintenance

Project Profile

Degree	: M.Tech.
Project Title	: A novel approach for person identification in digital images
Description	: This project is about recognizing the person in a given image. The project uses digital image processing techniques and a machine learning tool - Support Vector Machine. This project was developed as a prototype for an automated attendance system. The system captured students' images, processed them, and then took attendance based on the recognized faces by comparing the features which were trained in the system using a training dataset procured during the registration process.
Technologies used	: MATLAB
Published Paper	: International Journal of Current Trends in Engineering and Research (IJCTER), e-ISSN 2455–1392 Volume 2 Issue 4, April 2016 pp. 390 – 396.
Degree	: B.E.
Project Title	: Face Recognition for Digital Images.
Description	: This project was developed for demonstrating an application of digital image processing towards recognizing the person based on the Principal Component Analysis (PCA) technique using Eigen Values and Eigen Vectors. The application developed was Login Authentication. Initially, the system will be trained with a person's face in different postures. Later, it will be preprocessed, features are extracted and stored in the database. Whenever the same person tries logging onto the system, it will capture the image, and compare it with the image which is in the database, based on the threshold value it will conclude whether to provide access or not.
Technologies used	: MATLAB and C#.

Workshops Attended

- Five days online FDP on “Mean Stack Technologies” conducted by Sree Vidyanikethan Engineering College (Autonomous) under AICTE Training and Learning (ATAL) academy from 21st to 25th September, 2021.
- Two days online webinar on “Real Time Application on Speech and Natural Language Processing” organized by Dept. of IS&E and CS&E, SJCE, JSS S&TU, Mysuru on 24th and 25th September, 2020.
- One day online webinar on “Big Data Architecture and Ecosystem” Conducted by East Point College of Engineering and Technology, Bengaluru on 11th July, 2020.
- One day online webinar on “Evolution on Big-Data” organized by Dept. of IS&E, MVJCE, Bengaluru on 27th June, 2020.
- One day workshop on “Virtual Labs” Conducted by IIT, Bombay organized by VTU, Belagavi in co-ordination with ATME, Mysuru on 16th November, 2019.
- One day workshop on “Introduction to Python” Conducted by IIT, Bombay conducted by IIT, Bombay on 20th July, 2019.

- Three days workshop on “*Android Development Fundamentals Faculty Training*” Conducted by Google organized by VTU, Belagavi in co-ordination with VVCE, Mysuru on 28th, 29th of August, 2017 and 1st September, 2017.
- Two days *International Conference on Cognition and Recognition (ICCR - 2016)* organized by MIT Mysore during 30th and 31st December, 2016.
- Two days workshop on “*Bigdata and Hadoop*” held on 15th and 16th March, 2016 at MIT Mysore.
- Three days national level workshop on “*Mathematics behind machine learning*” held at SJCE, Mysuru from 21st till 23rd of August, 2014 sponsored by TEQIP phase II.
- Worked as *Teaching Assistant*, for two days workshop on “*Aakash for Education*” conducted by IIT, Bombay on 10th and 11th November, 2012 under NMEICT (MHRD).

Guided Projects

Project Title	: Secure Distributed De-Duplication System in Reliable Cloud Storage
Description	: The project was targeted towards cloud security for files along with removal of duplicate files across the distributed file system. The technique used was data de-duplication. Data deduplication is a technique for eliminating duplicate copies of data and has been widely used in cloud storage to reduce storage space and upload bandwidth. The security requirements of data confidentiality and tag consistency are also achieved by introducing a deterministic secret sharing scheme in distributed storage systems, instead of using convergent encryption as in previous deduplication systems.
Technologies used	: Django Framework, Python3, MySQL, HTML
Project Title	: A novel approach for prediction of crop and market price with assistive information towards weather, nearby fertilizer outlets and FAQs on crops
Description	: The project is targeted in assisting the farmers in their agricultural activities through e-portal. Basically, the project is an information system which provides information on which crop to be planted in which soil based on its fertility, humidity etc., amount of fertilizers to be used, Frequency of irrigating the crops and so-on.
Technologies used	: Python3
Project Title	: Mining Online Social Data for Detecting Social Network Mental Disorders
Description	: This project is targeted towards identifying the people who are suffering from Internet Addiction Disorder followed by psychological issues through their posts in social media. The system was trained with various keywords and if the post includes these phrases the post will be immediately alerted to admin.
Technologies used	: Apache Server, Java, MySQL

Personal Details

Name	:	Bharath Bharadwaj B S
Father Name	:	Sridhar B G
Date of Birth	:	02 nd November 1989
Marital Status	:	Single
Aadhar Number	:	4999 0759 6869

Declaration

I hereby declare that the above details are true to the best of my knowledge and belief.

Place: Mysuru

Bharath Bharadwaj B S