

## BINDU TRIKHA

Ho202A, Platous Gate 9B  
0190, Olso

### CONTACT

- +(47) 4096 - 9175
- bindu.trikha@gmail.com

### LINKED-IN

- Ctrl+Click on Icon:



### GITHUB PROJECT REPOSITORY

- Ctrl+Click on Icon:
- More than 14 projects (both front-end & back-end web dev)



### CERTIFICATIONS

- R-Language Programming Skills
- Python Programming Skills

### SUBJECTS TAUGHT

- Fundamentals of C++
- Client Server Technology
- Computer oriented statistical & optimization methods
- Data Structures
- DBMS (Database Management Systems)
- Operating Systems
- Computer Architecture

### ACADEMIC ACHIEVEMENTS

- Degrees are approved by NOKUT.no
- Achieved Second position in the university: MCA (Master of Computer Applications) –Year 2003 –Guru Jambheshwar University
- Achieved Third position in the university: B.Sc (Bachelor of Sciences –Year 2000 –MDS University)

### WORK PERMIT

- Have a valid Norwegian work permit from UDI

"An enthusiastic, self-motivated & a passion-driven professional looking for an opportunity in the areas of web development, teaching web technologies, logistics & administration. I have good theoretical and hands-on experience gained during 16+ years of teaching of software related subjects and programming languages to the engineering students. I have also worked as an online Boot Camp Instructor in Codify College AB (Sweden)"

## Technical Skills

### Object oriented programming: OOP Concepts & C, C++

Theory

Practical

Classes & objects, inheritance, abstraction, encapsulation, private & public methods, polymorphism- dynamic & static, association, aggregation, arrays, string, functions, structures, unions and file handling operations, function overloading, virtual functions

### HTML5, CSS, PHP, JAVA SCRIPT, JQUERY, REACT JS, SQL

Theory:

Practical

Using text, lists, tables, frames, hyperlinks, images, multimedia, forms and control, style sheet, CSS properties, styling, ID and class, creating page layout & site designs, Using HTML forms with PHP, decisions and looping, functions, string, arrays, files, directories, database connectivity using SQL, Pattern matching with regular expressions, DOM traversal & get input, send output, handling web page events

### Python, R-language

Theory:

Practical

Python functions, modules & packages, list & dictionary expressions, file operations and regular expressions, DB interaction, R-language data frames, listing, sorting, importing data, correlation & regression, aggregate functions, data analysis, box plotter, histogram, random tree etc.

### SQL

Theory:

Practical

Data extraction, update, cleansing & creating data reports using SQL queries by using inner and outer joins on multiple files on various types of data. FTP data from one system to another.

## Research Papers Published (using Python & R – Language)

- Comparative study of classification methods using data mining, extraction & cleansing algorithms for finding the possibilities of heart diseases (Research published in the International Journal of Computer Sciences and Engineering, Volume-7, Issue-6, Page no. 332-340, Jun-2019)

- Comparative study of classification algorithms of data mining, extraction & cleansing for possibilities of breast cancer (Research published in the International Journal of Computer Sciences and Engineering. Volume-7, Issue-6, Page no. 332-340, Jun-2019)

- "A journey from floppy disk to cloud storage": (International Journal of Computer Science and Engineering, Vol. 02, No. 04, 2010, 1449-1452)

## Papers Presented

- Paper titled "Mobile-Commerce (M-commerce) based Personalized Services for Consumers in India: Pragmatic Study", presented in National Conference on the theme "Information Technology for Business Transformation" ITBT'19 on 9th Nov 2019
- Paper titled "IT-enabled Decision making in Business Applications", presented in International Conference on Business Transformation through Sustainability, Entrepreneurship and Digitalization – (ICSED 2k19) on 9th Nov 2019

## Other Achievements

- Developed the website for college single handedly : [www.imsuc.ac.in](http://www.imsuc.ac.in)

Created using web technologies: HTML, CSS, JS, J-Query, PHP & MySQL, providing role based access (RBAC), setting DNS settings for hosting to the cloud

## Work Experience

- Codify College AB, Sweden (Online Boot Camp)

Online FullStack Boot Camp Instructor(Aug-2020- Dec-2020)

- Institute of the Management Studies (IMS), India

Worked as Computer Lecturer from Aug-2006 to Feb-2020

- Banasthali Vidvapeeth, India

Worked as Computer Lecturer from July, 2004 to July, 2006