SILPA K. S.

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OBJECTIVE:

I am seeking a challenging position to utilize my skills and abilities in the area of Teaching and Education that offers a professional growth while being resourceful, innovative and flexible

EDUCATION:

Degree/Exam	University/Board	College/School	Percentage	Year	Specialization
UGC NET	-	-	-	Nov 2017 Dec 2018 June 2019 Nov 2020	Computer Science
MCA	Bharathiar University	SDE	79	2023	Computer Application
M.Sc.	University of Calicut	St. Thomas' College(Autono,ous), Thrissur	85	2017	Computer Science
B.Sc.	University of Calicut	St. Thomas' College(Autono,ous), Thrissur	83.25	2015	Computer Science
HSE	Kerala HSE Board	Govt. Model Boys HSS Kunnamkulam	86.5	2012	Computer Science
SSLC	Kerala Board	St. Francis GHS Mattom	98.8	2010	All Compulsory Papers

TEACHING EXPERIENCE:

❖ Assistant Professor in Computer Science at College of Applied Science, Nattika.(2018-2022)

❖ Assistant Professor in Computer Science at Sree Narayana College, Nattika.(2022 onwards)

OTHER QUALIFICATIONS:

- ❖ MATLAB Course Certification
- ❖ Post Graduate Diploma in Multimedia and Animation (PGDMA)

PAPER PUBLICATIONS AND PAPER PRESENTATIONS:

1. Published a research paper entitled "*Image Encryption using Elliptic Curve Cryptography with Data Security*" in IJERT, Volume 11, Issue 5, May – 2022.
2. A paper entitled "*Image Encryption using Elliptic Curve Cryptography with Data Security*" presented in International conference entitled "Emerging Trends in Applied Mathematics and Computer Science" held from 13 to 14 December, 2016 at St. Thomas' College (Autonomous), Thrissur.

WORKSHOP/SEMINAR/WEBINAR/CONFERENCES/COURSES ATTENDED:

1. Attended an International conference on "Emerging Trends in Applied Mathematics and Computer Science" organized jointly by the Post Graduate Department of Computer Science and the Research and Post Graduate Department of Mathematics, St. Thomas' College (Autonomous), Thrissur on 13-14 December 2016.
2. Attended a National Level Annual Seminar Series *Byteclix 2016* held at Department of Computer Science and Applications, St. Mary's College, Thrissur on 19th December 2016.
3. Participated in the two day workshop on PHP & MySQL organized jointly by the Department of Computer Applications, MACFAST & Department of Computer Science, St. Thomas' College (Autonomous), Thrissur in association with CSI and ISTE Student Branch of MACFAST
4. Attended a National Seminar entitled "Big Data Analytics & Signal Processing" on 17th and 18th December 2018 organized by the Post Graduate Department of Computer Science, St. Thomas' College(Autonomous), Thrissur.
5. Completed the online course on "Artificial Intelligence – The future of Everything" organized by the Department of Computer Science, Naipunnya Institute of Management and Information Technology, Pongam, Thrissur on 29-06-2020.
6. Attended an International webinar on "Modern Approaches in Building Secure Web Applications" organized by B.Voc. Web Technology of Dept. of Computer Science, Vimala College(Autonomous), Thrissur on 3rd July 2020.
7. Attended the webinar on "Role of Data Science in COVID 19 Prediction" organized by the Department of Computer Science, Naipunnya Institute of Management and Information Technology, Pongam, Thrissur on 4th July 2020.
8. Participated in the National Webinar on "Strategic Capacity Building Through Mind Mechanics", organised by Language Department in collaboration with IQAC and EDP cell of Don Bosco College, Mannuthy on 7th July 2020
9. Participated in the Webinar Lecture on the topic "Block Chain in Case Management" on 11th July 2020 conducted by Indian Criminology and Forensic Science Association(ICFSA).
10. Completed one week FDP on "User Friendly Tools for Online Teaching and Assessment Jointly Organized by Dept. of Computer Science and IQAC, Prajyoti Niketan College, Pudukad from 10th July 2020 to 16th July 2020.
11. Participated in the Webinar on "Advanced Remote Learning IN & Post Pandemic Era: Insights" jointly organized by the Department of Psychology and IQAC, MES Asmabi College P. Vemballur on 27th July 2020.

ACADEMIC PROJECTS:

B.Sc. Project:

- ❖ Language: PHP and MySQL
- ❖ Project Title: Timetable Management System
- ❖ Project Description: The project entitled "Timetable Management System" is designed to meet all the inconvenience of the current system. The system makes the Timetable management very easy and efficient. After all necessary information has been retrieved; it will generate a timetable, that takes into account all the predetermined constraints and preferences.

M.Sc. Project:

- ❖ Language: Python
- ❖ Project Title: Image Encryption using Elliptic Curve Cryptography with Data Security
- ❖ Project Description: This project is designed for securing secret image and data. The image may be embedded with a text before encryption and the cipher image along with the value 'kG' may be embedded on the cover image for easy transfer. Also since the cipher image is embedded on a cover image it creates a stealth camouflage to avoid intruder's unwanted attention.

ACHIEVEMENTS:

1. Secured second position in Lex n Yacc Debugging competition held in connection with the intercollegiate techno-cultural fest entitled Srishti 1.6
2. Secured first position in Designophy – Web page designing competition held in connection with the intercollegiate techno-cultural fest entitled Srishti 1.5
3. Secured second place with 'A' grade in Malayalam Typing competition in connection with Sub-district IT fair (At School Level).

INTERESTS:

- ❖ Graphic Designing.
- ❖ Listening music.
- ❖ Web surfing

STRENGTHS:

- ❖ Enthusiastic and hardworking.
- ❖ Responsible towards work.
- ❖ Willingness to learn new technology.
- ❖ Relished to work in a challenging environment.

INDUSTRIAL EXPOSURE:

- ❖ Industrial visits at VIPoint Solutions Pvt. Ltd, Infopark Kakkanad, Cochin

PERSONAL DETAILS:

- ❖ DOB : 27-12-1994
- ❖ Father's name : (Late)Sasikumar K. S.
- ❖ Father's Occupation : Business
- ❖ Guardian Name : Subin A S
- ❖ Permanent Address : Kuruvangattil House
  Choondal P.O
  Thrissur Dist., Kerala
  Pin-680502
- ❖ Languages Known : Malayalam, English, and Hindi.

DECLARATION:

I do hereby declare that the details furnished in this resume are true and correct to the best of my knowledge and belief. I understand that in the event of any information being found false or incorrect, my candidature/appointment is liable to be cancelled / terminated.

PLACE : Choondal
DATE :   **SILPA K. S.**