Akhil Sekharan   Résumé

CONTACT
INFORMATION

Koottapoovathinkal House,
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OBJECTIVE

To work in a challenging and professional environment where I can apply my skills and abilities to achieve organizational and personal excellence.

EDUCATION

- **Pursuing Ph.D**   **Aug 2020**
  - Area of Research: Data Security.
  - Institution: St.Joseph's College of Engineering and Technology, Palai, India.
  - University: APJ Abdul Kalam Technological University,Trivandrum, Kerala.
- **Master of Computer Applications (MCA)**   **Oct 2013**
  - Institution: Nirmala College Muvattupuzha, India.
  - University: Mahatma Gandhi University, Kottayam, Kerala.
  - Marks in %: 81.10
- **Bachelor of Computer Applications (BCA)**   **May 2010**
  - Institution:Mar Augusthinose college Ramapuram, Kerala.
  - University: Mahatma Gandhi University, Kottayam, Kerala.
  - Marks in %: 77.25
- **Higher Secondary Examination (+2)**   **Jun 2007**
  - Institution: St. Sebastians H.S.S Vazhithala, Kerala.
  - Affiliation: Board of Higher Secondary Examinations, Kerala.
  - Marks in %: 83
- **S.S.L.C**   **Jun 2005**
  - Institution: High School, Koothattukulam, Kerala.
  - Affiliation: Board of Public Examinations, Kerala.
  - Marks in %: 82.5

TECHNICAL SKILLS

- Programming Languages : C, C++, ASP.NET, JAVA, Python, Visual Basic 6.0
- Databases: MS SQL, Oracle 8
- Application Softwares: Photoshop CS5, Dreamweaver, Ulead Video Studio 10, Netbeans, Visual Studio 2008
- Operating Systems: Microsoft Windows, Linux
- Typesetting Tools: MS Office, LaTeX

ACHIEVEMENTS

- Qualified UGC NET in the Subject Computer Science and Applications in July 2018 & June 2021 (UGC Ref.No:52281/(NET-JULY 2018) & Ref.No:20D/21J49431)
- Criteria in charge for NAAC and NBA process at St. Joseph's College of Engineering and Technology, Palai since February 2021.
- IQAC Member at Mar Kuriakose College of Arts and Science, Puthuvely, Koothattukulam from June 2014 to August 2017.
- General Coordinator of State Level College Fest ENVOYAGE 2k19 at Mar Kuriakose College of Arts and Science, Puthuvely, Koothattukulam
- Staff Secretary at Mar Kuriakose College of Arts and Science, Puthuvely, Koothattukulam from January 2014 to march 2017.
- General co-ordinator of ISO 9001:2015 certification team at Mar Kuriakose College of Arts and Science, Puthuvely, Koothattukulam.
- Chosen as the *Blossom Candidate* of Talways agency Kochi in 2013.
- Qualified GATE 2014 with score 339.
- Organizing committee member and event coordinator of National Level IT fest Cameo'12.
- Student coordinator of the MCA block inauguration committee of Nirmala College in 2011.
- Have won *Best Outgoing Student* Award from Mar Augusthinose College in 2010.
- Have participated and won prizes in different National Level IT fests.
- Have participated in various events and won prizes in school and college youth festivals.

EXPERIENCES	• Working in the department of Master of Computer Applications as Assistant Professor at St. Joseph's College of Engineering and Technology, Palai since August 2017.
	• Worked in the department of Computer Science as Assistant professor at Mar Kuriakose Arts and Science College, Puthuveli, Kerala from November 2013 to August 2017.

SUBJECTS OF TEACHING INTEREST

- Java Programming
- Algorithm Analysis and Design
- Digital Electronics
- Object Oriented Programming

PROJECTS GUIDANCE

- PG Projects: 17
- UG Projects: 12

LEISURE INTERESTS

- Pencil Drawing, Painting
- Listening to Music

DETAILS OF ACADEMIC PROJECTS

- **Optimized Compiler Design : Linear Scan Register Allocation (MCA- Main Project)**: This project is an implementation of the paper "Linear Scan Register Allocation" by Massimilino Poletto from the intermediate code created from the source program. This paper describes a technique called Linear Scan method for the register allocation.
  Language : Java. Includes the JTB and JavaCC tools

- **Cyber Monitoring System (MCA-Mini Project)**: This project uses the client server methodology to control and monitor the cyber activities in multiple cafe through remote system. It helps to detect and prevent cyber threats.
  Language : ASP.NET, C#
  Database : MS SQL

- **Online Image Puzzle Game (BCA-Main Project)**: This is an online Image Puzzle game where the players can play the game through internet. The player can set different difficulty levels. It includes a professional championship and the facility to chat with opponents.
  Language : J2EE
  Database : MS SQL

- **Lucky Center automation (BCA-Mini Project)**: This project includes the automation of a lucky center. It includes the details of stock, purchase, results, commission details and calculations in the lucky center.
  Language : Visual Basic 6.0
  Database : Oracle

PERSONAL INFORMATION

- Date of Birth : 18-4-1990
- Mother tongue : Malayalam
- Nationality : Indian
- Languages : English, Malayalam, Hindi

REFERENCES

- Miss. Shija Paul, Head of the Department, Department of Computer Science, Nirmala College Muvattupuzha, Ph: +91 9447305046
- Dr. Sunil K. S, Asst. Professor, Department of CSE, Govt. Engineering College Idukki, Painavu, Ph: +91 9677151326, Email: sunsks@gmail.com

DECLARATION

I do hereby declare that the particulars of information and facts stated here in above are true, correct and complete to the best of my knowledge and belief.

Akhil Sekharan