

SONAL BABU
MTech in Computer Science&System Engineering

Mob (U.A.E)-+971565626983
Email- sonalbabu5656@gmail.com



CAREER OBJECTIVE

Self-motivated person who is eager to contribute to team success through hard work, attention to detail and excellent organization skills. Clear understanding of programming languages and software testing. Motivated to learn, grow and excel in the software industry.

EXPERIENCE

ASSISTANT PROFESSOR – Tharananellur Arts & Science College, Irinjalakuda, Thrissur, Kerala.

September 2022 – April 2024.

- Instructed classes consistent with approved course content and credit.
- Read up on and stayed abreast of current topics in education.
- Utilized presentations, props and visual aides to promote student engagement during lectures.
- Tracked student attendance and recorded unexcused absences.
- Refined teaching techniques by discussing strategies with other faculty members.
- Advised students regarding future academic and vocational opportunities.
- Offered constructive feedback to students to increase test scores and promote understanding.
- Improved student success by developing and distributing instructional materials and study guides.

ASSISTANT PROFESSOR – Government Engineering College, Idukki, Kerala.

March 2021 – May 2022

- Prepared and delivered lectures to undergraduate and graduate students on topics such as programming, data structures and software design.
- Kept abreast of developments in field by reading current literature, talking with colleagues and participating in professional conferences.
- Evaluated and revised curriculum, course content and course materials and methods of instruction.
- Participated in student recruitment, registration and placement activities.
- Prepared course materials, such as syllabi, homework assignments and handouts
- Obtained materials and supplies, such as textbooks and laboratory equipment.
- Conducted research in field of knowledge to
- publish findings in professional journals or books

INTERNSHIP – Keltron Pvt.ltd, Thrissur, Kerala.

July 2019 – September 2019

- Obtained in-depth exploration on python fundamentals including data structures, syntax and object-oriented programming.
- Worked on real world application development projects, applying their knowledge to create functional and efficient Python applications.

- Obtained training on integrating Python with databases and using it for data manipulation.
- Learned about web development using Python frameworks such as Django and Flask.
- Covered automation and scripting techniques using Python.

PROJECT, SEMINAR AND PUBLICATIONS

Projects:

- Project 1: Personal movie recommendation system using time varying multi armed bandit algorithm and CF technique.
- Project 2: CFS-APSO swarm search feature selection for data stream mining big data.
- Project 3: Credit card fraud detection.

Seminars:

- Seminar 1: Emotion based music recommendation system using wearable physiological sensors.
- Seminar 2: Mining sequential risk patterns from large scale clinical DB for early assessment of chronic diseases (Case study: COPD).
- Seminar 3: CBIR system based on convex hull geometry.

Publications:

- Published a paper titled “A survey on various techniques for movie recommendations” in IJSRSET journal with an impact factor of 6.
- Published a paper titled “Personal movie recommendation system using time varying multi armed bandit algorithm and CF technique” in IJSRSET journal.

EDUCATION

M. Tech in Computer Science & System Engineering

- Kerala Technical university *Government Engineering College, Idukki, Kerala, May 2020*
- Graduated with 8.9 CGPA.

B. Tech in Computer Science & Engineering

- Mahatma Gandhi University Government Engineering College, Idukki, Kerala, March 2018
- Graduated with 7.8 CGPA.

Higher Secondary Education (Biology Science)

- *SNDP HSS School, Palissery, Thrissur Kerala, March 2014*
- Secured 100% marks

High School Education

- *SNDP HSS School, Palissery, Thrissur Kerala, March 2012*
- Secured 100% marks

SKILL

- | | | |
|---------------------|--------------------------|------------------------|
| • C, C++, | • Data mining and Big | • Program analysis and |
| • JAVA, | Data Concepts. | verification. |
| • Python, | • Machine Learning & AI. | • Special Projects. |
| • SQL, MYSQL | • Software testing and | • Group Assistance. |
| • Leadership Skills | deployment. | • Case Studies |

PERSONAL INFORMATION

- Date Of Birth: 19/09/1995
- Marital Status: Married
- Nationality: Indian
- Passport No: V051504
- Visa status: Husband visa
- Languages Know: English, Hindi, Malayalam, Tamil

DECLARATION

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

Sonal Babu

