

# SWAGAT RANJAN SAHOO

Mobile: +91-9937815364, +91-7978973737

Email Id: [mlswagat@gmail.com](mailto:mlswagat@gmail.com)



---

**Career Objective: “To LEARN AND GROW CONTINUOUSLY BY ACCEPTING ALL CHALLENGES WITH UPDATED TECHNOLOGIES. “**

---

## EDUCATION

---

**M.Tech. :** Computer Science & Engineering (Cloud Computing) 2010-2012

**University:** MNNIT, Allahabad, India

**B.Tech. :** Computer Science & Engineering 2006-2010

**University:** Biju Patnaik University of Technology, Odisha, India

**+2 Science** 2003-2005

**Board:** Council of Higher Secondary Education, Odisha, India

**10th** 2003

**Board:** Board of Secondary Education, Odisha, India

## TEACHING AND INDUSTRY EXPERIENCE

---

- I have been working as a senior research fellow in the Department of Computer Science and Engineering, IIT Guwahati, India since 2017.
- Assistant Professor in the Department of Computer Science and Engineering in C.V. Raman Global University, Odisha, India from 1<sup>st</sup> August 2012 – to 31<sup>st</sup> July 2017. (**5 years of teaching experience**)
- Along with the teaching, I was associated as the Co-founder of my Company **Anxious Vision Software Technologies LLP**. It was an IT-based startup for the development of educational software.

## SUBJECT OF INTEREST

---

- Vehicular Ad-hoc Networks
- Cloud and Edge Computing
- Machine Learning
- Operating System
- Database Management System

## TECHNICAL SKILLS

---

- C, C++, Java, Shell scripting
  - Python (Numpy and Panda for machine learning)
  - Website development using WordPress
-

## RESEARCH & PUBLICATIONS

---

### INTERNATIONAL JOURNAL:

- SAHOO, SWAGAT RANJAN, MOUMITA PATRA, AND AROBINDA GUPTA, "AALB: APPLICATION AWARE LOAD BALANCING ALGORITHM FOR ROAD SIDE UNITS" ACCEPTED IN VEHICULAR COMMUNICATIONS, ELSEVIER JOURNAL, (ACCEPTED, APRIL 2022).

### INTERNATIONAL CONFERENCE:

- SAHOO, SWAGAT RANJAN, MOUMITA PATRA, AND AROBINDA GUPTA, "MDLB: A MATCHING BASED DYNAMIC LOAD BALANCING ALGORITHM FOR ROAD SIDE UNITS." *2021 INTERNATIONAL WIRELESS COMMUNICATIONS AND MOBILE COMPUTING (IWCMC)*. IEEE, 2021.
- BARIK, R. K., LENKA, R. K., SAHOO, S. R., DAS, B. B., & PATTNAIK, J. (2018). DEVELOPMENT OF EDUCATIONAL GEOSPATIAL DATABASE FOR CLOUD SDI USING OPEN SOURCE GIS. IN *PROGRESS IN ADVANCED COMPUTING AND INTELLIGENT ENGINEERING* (PP. 685-695). SPRINGER, SINGAPORE.
- SINGH, A. K., SAMADDAR, S. G., SAHOO, S. R., & MATHEW, G. (2012). INCREASING ROBUSTNESS OF RC4 FAMILY FOR AUTOMATED SELECTION OF CIPHERSUITES. *PROCEDIA ENGINEERING*, 30, 45-52.
- YADAV, VINOD KUMAR, SWAGAT RANJAN SAHOO, AND DHARMENDRA KUMAR YADAV. "RELIABLE TASK ALLOCATION IN DISTRIBUTED SYSTEM." *PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING RESEARCH AND PRACTICE (SERP)*. THE STEERING COMMITTEE OF THE WORLD CONGRESS IN COMPUTER SCIENCE, COMPUTER ENGINEERING AND APPLIED COMPUTING (WORLD COMP), 2012.

## ACHIEVEMENTS/AWARDS IN TECHNICAL ACTIVITIES

---

- Reviewer of IEEE Transactions on Mobile Computing, 2021
- Department Representative of Research Scholars of IIT Guwahati, India, July 2018 - June 2019
- In charge of **Supercomputer PARAM SHAVAK** from CDAC in CV Raman Global University, India, 2016
- Technical Head of **Smart India Hackathon** for Nodal Centre CV Raman Global University, India, 2017
- Two times Gate qualified (2012, 2010)
- Cleared NIC Entrance Examination in 2011
- Oracle Certified Associates (OCA)
- I have played many leadership roles in academic and non-academic throughout my career.

## HOBBIES/INTEREST

---

- Learning new technologies
- Listening to devotional songs
- Writing Odia poems
- Playing badminton
- Doing social activities and taking on new responsibilities

## PERSONAL DETAILS

---

**Nationality:** Indian  
**Date of Birth:** 28<sup>th</sup> April, 1988  
**Gender:** Male  
**Fathers Name:** Mr. Laxmidhar Sahoo  
**Occupation:** Retired Govt. Employee  
**Mothers Name:** Mrs. Manjulata Sahoo  
**Occupation:** Home Maker  
**Address:** New married scholar hostel, IIT Guwahati, Assam, India 781039

I hereby declare that all the information given is correct to the best of my knowledge.

Date: 02/05/2022

Place: **Guwahati, India**

(Swagat Ranjan Sahoo)