

# SURAJIT DAS

☎ +91 77350 13838

@ [surajit.cosh@gmail.com](mailto:surajit.cosh@gmail.com)

in <https://linkedin.com/in/das-surajit>

🌐 <https://surajitdas.in/>

🌐 <https://bit.ly/3BCm0I5>

📍 Bhubaneswar, Odisha, India

---

Dedicated and versatile professional with over 6 years of working experience, I possess a fervent passion for technology and the exploration of Artificial Intelligence (AI) and Machine Learning (ML). Currently pursuing a PhD and actively engaged in cutting-edge research, I bring a wealth of expertise in both academia and software engineering. Proficient in a diverse array of programming languages, frameworks, and technologies. Driven by a passion for innovation and a commitment to solving complex challenges, I am eager to apply my extensive experience in web application and AI development to drive transformative solutions and push the boundaries of technology. Seeking opportunities to collaborate with dynamic teams and contribute to projects that drive positive change and shape the future of AI and ML.

## WORKING EXPERIENCE

---

### Asst. Professor – Silicon Institute of Technology

📅 Jan, 2022 – Present 📍 Bhubaneswar, India

- Subject Taught: Emerging Technology (MERN), Advance Java Programming, Web Application Development(PHP & MySQL), Data Structure
- Laboratory Handled: PHP, RDBMS, DSA, User Interface Design, Python

### Software Engineer – Mindfire Solutions

📅 Sep, 2021 – Jan, 2022 📍 Bhubaneswar, India

- Working as full-stack developer
- Practical Experience with Django, DRF, Python, ReactJS, MySQL, Celery, Redis, Elastic Search, GIT, Bootstrap 5, Material-UI, AWS EC2, Ubuntu

### Junior Lecturer – Trident Academy of Creative Technology

📅 Aug, 2018 – Aug, 2021 📍 Bhubaneswar, India

- Subject Taught: Python, PHP, Java(JSE, JEE), C
- Handled more than 15 student's project in different domain
- Laboratory Handled: Java, RDBMS, C

## SKILLS

---

- Programming Language: Python 3, PHP, Java (JSE, JEE), C
- Frameworks / Library: Django, DRF, ReactJS, Node & Express.js, Spring Boot, Bootstrap (4,5)
- Operating System: Windows, Linux
- Data Base: ORACLE, MySQL, MongoDB
- Web Designing: HTML, CSS, Java Script
- AI Application development
- IoT Sensors and Boards

## EDUCATION

Qualification	Board/University	Year	Percentage
Ph.D.	KIIT University, Bhubaneswar	Pursuing	-
M.Tech, CSE	Utkal University, Bhubaneswar	2018	88.04%
M.Sc, CS	VIT University, Vellore	2016	9.2(CGPA)
B.Sc, CS Hons.	Vidyasagar University, West Bengal	2014	74%
10+2	WBCHSE, West Bengal	2011	75%
10 <sup>th</sup>	WBBSE, West Bengal	2009	82%

## RESEARCH WORK

- **Das, S.,** Nayak, S.P., Sahoo, B. et al. Machine Learning in Healthcare Analytics: A State-of-the-Art Review. Arch Computat Methods Eng (2024). <https://doi.org/10.1007/s11831-024-10098-3>
- **S. Das,** S. P. Nayak, B. Sahoo and S. C. Nayak, "Evaluating Ensemble Models on Imbalanced Data Sets: A Comparative Study across Varied Minority Class Ratios," 2024 International Conference on Emerging Systems and Intelligent Computing (ESIC), Bhubaneswar, India, 2024, pp. 774-779, doi: 10.1109/ESIC60604.2024.10481583.
- S. P. Nayak, S. Rout, **S. Das** and S. S. Patra, "Error rate reduction of Air Quality Parameters in Health Care Industry using SD-IoT Environment," 2021 19th OITS International Conference on Information Technology (OCIT), 2021, pp. 454-459, doi: 10.1109/OCIT53463.2021.00094.
- Samaleswari Prasad Nayak, **Surajit Das**, S.C. Rai, Sateesh Kumar Pradhan, "SIMAS: smart IoT model for acute stroke avoidance", Int. J. Sensor Networks, Vol. 30, No. 2, 2019
- Sipali Pradhan, **Surajit Das**, Samaleswari Prasad Nayak, J.K. Mantri, "An IOT Based Detection Model for the Level of Autism in a Context-Aware Health Care", International Journal of Computer Sciences and Engineering, Vol.07, Issue.03, pp.152-156, 2019.
- Deboleena Dutta, Chido Tazivazvino, **Surajit Das**, B.K. Tripathy, "Social Internet of Things (SIoT): Transforming smart object to social object", National Conference on Recent Trends in Mathematics and Information Technology, ISBN: 978-93-82208-77-8, Dec 2015

## PROJECTS

- **Title:** Bibliophile  
**Description:** Designed and implemented an online web application from scratch using DRF and ReactJS. With the help of this application a user can share his/her current book collections and reviews about books. This application displays most popular and top rated books, user profiles and their collections. Users have privileges to update their profile and verify their account using email. The backend DRF application fetches data from google books API, stores and provides end points to the ReactJS front end.  
**Tools:** Django REST Framework, ReactJS, Material-UI, SQLite, Celery, Redis, Google Books API, GIT, Ubuntu.
- **Title:** Store Finder  
**Description:** Designed and implemented an online web application using Django. It fetches the store details of different brands like Burger king Pizaa Hut etc and provide it to the user with location on the google map. User can also get all the store details in their registered email on wish.  
**Tools:** Django, MySQL, Requests, BS4, Celery, Redis, Google MAP API, Bootstrap5

- **Title:** Online T-Shirt Store  
**Description:** “Online T-Shirt Store” is an online shopping application with payment gateway integration. Django Rest Framework is used to design the API, React JS is used at the front end and Braintree is used for payment gateway.  
**Tools:** Django Rest Framework, React JS, Braintree Payment Gateway
- **Title:** BT Real Estate  
**Description:** “BT Real Estate” is a real estate project with customized admin panel. Admin will add the listings and the realtors also can feature them. User will see the listings and will be able to make query.  
**Tools:** Django, Python, PostgreSQL, Bootstrap
- **Title:** Geeky Bloggers  
**Description:** “Geeky Bloggers” is a mobile responsive blogging web application, which will allow the user to share his / her thoughts, reviews etc with images.  
**Tools:** PHP 5, Bootstrap 5, MySQL
- **Title:** Firm Ripe  
**Description:** “Firm Ripe” is an online vegetable market, where admin will be able to add vegetable and customize them. Users will be able to view and order the vegetable.  
**Tools:** JSP, MySQL, HTML, CSS
- **Title:** JobLocator  
**Description:** JobLocator is a job searching web application which is helpful for the fresher’s as well as for the experienced candidate to search suitable job for themselves.  
**Tools:** Java (JEE), Oracle, CSS, Java Script
- **Title:** Improving lives of coma patient with IoT Centric smart healthcare solution  
**Description:** Through this project I have tried to develop a model to track the vital sign of coma patient and give a better life style.  
**Tools:** Nodemcu 12E, Heartbeat Sensor, Temperature Sensor and other IoT kits.

## **ACHIEVEMENTS**

---

- UGC-NET(DEC, 2019) – Qualified for Assistant Professor
- Gold Badge at HackerRank for Python and Silver Badges for C and Java

## **CERTIFICATIONS**

---

- Python Django Dev to Deployment – Udemy, Dec 2020
- Python – HackerRank, Oct 2020
- SQL(Intermediate) – HackerRank, Sep 2020
- Bootstrap 4 – Udemy, April 2020
- Advance Java – Java Technocrat, Feb 2018
- Core Java – Java Technocrat, Jun 2017

## **INTEREST**

---

- Programming
- Problem Solving
- Playing Cricket