# KUNAL DAS

**Computer Science Engineering**

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## RESEARCH PUBLICATIONS

### Contribution of AWS on Cloud Computing Technology

**Aug - 2023**

**International Journal of Applied Engineering Research**

- This research paper explores the significant impact of AWS on the evolution and advancement of cloud computing.
- Leveraged research methodologies to analyze the impact of AWS on key aspects of cloud computing, including **scalability**, **security** and **cost-efficiency**.
- Evaluated the **strengths** and **weaknesses of AWS** compared to other leading cloud computing platforms.
- Identified potential use cases and **benefits of AWS adoption in various industries**.
- This research paper "Contribution of AWS in Cloud Computing Technology" has been **selected for publication in a forthcoming journal book by a reputable Singapore Publisher**.

## TECHNICAL SKILLS

- **Programming Languages**
  - **Java**
  - **JavaScript**
  - **C**
- **Frontend Development**
  - **HTML**
  - **CSS**
- **Databases**
  - **Oracle SQL**
  - **MongoDB**
- **Version Control**
  - **Git**
  - **GitHub**

## ACHIEVEMENTS

- Solved more than **200 Data Structure and Algorithms questions** on different coding platforms.
- Secured **2nd place** out of 200+ students in the first semester examination of the Engineering degree.
- Achieving **4th place** out of 200+ students in both the third and fourth semesters of the Engineering degree.
- Successfully completed the NPTEL course "**The Joy of Computing using Python**" offered by **IIT Madras**, earning an **Elite Badge** with a score of 71 Certificate Link
- Successfully completed the NPTEL course "**Problem Solving Through Programming in C**" offered by **IIT Kharagpur**, earning an **Elite Badge** with a score of 73%. Certificate Link

## EDUCATION

Future Institute of Engineering and Management **CGPA: 9.03**

**Bachelor of Technology in Computer Science and Engineering**

2020 – 2024 Kolkata

**Technical Courses**: Data Structures and Algorithms, Object Oriented Programming, Cloud Computing, Database Management Systems.

Jadavpur High School

**Higher Secondary** **PERCENTAGE: 72.6%**

2019 - 2020 Kolkata

## PROJECTS

### Myntra Colne Web Application

**TECH Stack Used: HTML | CSS | JavaScript**

- Developed a **fully responsive** e-commerce website clone using HTML, CSS and JavaScript.
- Implemented a **dynamic shopping cart functionality**, allowing users to **add**, **view** and **manage items**.
- Integrated price calculations, discounts and delivery options to enhance user experience.

### Netflix Clone Web Application

**TECH Stack Used: HTML | CSS -** GitHub Link

- Developed a **fully responsive** Netflix clone website utilizing HTML and CSS with a **primary focus on CSS Flexbox** for optimal layout across various screen sizes and devices.
- Visually impressive animation effects have been implemented to **enhance user interaction** and create an engaging browsing experience similar to the Netflix platform.

### Daily Dose Blogs Web Application

**TECH Stack Used: HTML | CSS -** GitHub Link

- Developed a **content-driven** blog website using HTML and CSS, focusing on delivering **daily essential** life knowledge.
- Implemented an **API integration to fetch fresh images dynamically on page refresh**, providing users with a visually engaging and **constantly updated experience**.
- **Live View –** Click Here