

## Debapratim Kundu

[debo121@live.com](mailto:debo121@live.com) || E8 E Woolf College, Giles Lane, Canterbury, CT2 7BQ || +44 7393062352

LinkedIn: <https://www.linkedin.com/in/debapratim-kundu-95a089183> ||

Git: <https://github.com/DKundu121?tab=repositories>

I am currently pursuing a master's degree in Artificial Intelligence from the University of Kent. I have over 5 years of experience in designing, developing and maintaining web applications. I have successfully delivered solutions for domains such as e-commerce, finance and retail. I am passionate about finding insights from data and solving complex problems. I am looking for a challenging and rewarding opportunity to apply the new skills I have picked up and to learn new ones.

### **WORK EXPERIENCE:**

#### **TCS**

*Developer/Tester*

*June 2021 – August 2023*

- Collaborated with a cross-functional team to successfully migrate 100% of data belonging to Indian customers to servers within India as part of the India Data Localization initiative.
- Implemented part of EMEA migration of Merchant Risk processes from Mainframe to Java Microservice to increase efficiency, improve scalability, reduce downtime, and time-to-market.
- Achieved Rising Star of the Year award within first year at TCS, demonstrating exceptional performance and contributing to a 20% increase in team productivity.

#### **ABZOOBA**

*Developer/Tester/Deployment*

*October 2020 – June 2021*

- Developed, maintained and deployed the "Performance Management System" for Yum Singapore and Yum India with full customer satisfaction.
- Appointed Database administrator for the same system resulting in a 30% increase in overall response time.

#### **ENSIM INDIA (An Ingram Micro Company)**

*Developer/Tester*

*October 2017 – October 2020*

- Refactored a C++ BSS monolithic application named ODIN to a JAVA microservice.
- Developed a Zapier Application for Cloudblue Commerce to communicate between two systems.
- Received "Exceeds Expectation" rating for consecutive 2 years of employment.

#### **University of Kent**

*Part-Time Receptionist*

*September 2023 – August 2024*

- Configured key fobs using Silo/Salto to give access to specific rooms.
- Managed guest booking using Kinetics.
- Solved queries made by guests as and when required.

### **EDUCATION**

#### **Postgraduate**

*Computer Science (Artificial Intelligence)*

*UNIVERSITY OF KENT*

*September 2023 – August 2024*

**Modules:** Systems Architecture, NEAT, AI Systems Implementation, Deep Learning, Reinforcement Learning, Large Language Models, Convolution Neural Networks.

- Beating the game Jump King using NEAT (Neuro Evolution of Augmented Topology).
- Thesis project on developing a screening system for candidates by fine-tuning a LLM and using RAG

## **Undergraduate**

*Bachelor of Technology in Electronics and Communication Engineering*

**MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY**

June 2013 – July 2017

**Modules:** English Language and Technical Communication, Computer Programming, Microprocessors and Microcontrollers, Object Oriented Programming, Information Theory and Coding

- Graduated with 72.6% aggregate.
- Member of the official college technical club “XPLOICA” and ECE department technical club.

## **Indian School Certificate (ISC) / KS4**

*St. Stephen's School*

March 2011 – May 2013

**Modules:** English, Mathematics, Physics, Chemistry, Computer Science

- Qualified with 86.5% in Computer Science Stream.

## **Indian Certificate of Secondary Education (ICSE) / KS5**

*St. Stephen's School*

March 2010 – May 2011

**Modules:** English, Mathematics, Physics, Chemistry, Computer Science, Biology, History, Geography

- Qualified with 91.8% in Computer Science Stream.

## **SKILLS ACQUIRED**

**Programming Languages:** Java (1.8), Python, Angular, Sql.

**Libraries:** SKlearn, Keras, Pytorch, Vertex, Seaborn.

**Frameworks:** Spring Boot, Spring MVC, Hibernate.

**Databases:** Postgresql, SQL Server.

**Web Technologies:** Restful WebServices.

**Tools:** Maven, Burp Suite.

**ML Skills:** NLP, LLM Fine Tuning, RAG, CNN, NEAT, RNN, LSTM, Data-Visualization, Langchain, LlamaIndiex

**Other Skills:** Microservices, Zapier Integration, Cybersecurity Testing.

**Language:** English(Very Good) Bengali(Very Good) Hindi(Good)

## **CERTIFICATION/SHORT COURSES**

- Completed project-based microcontroller training, gaining hands-on experience with programming and troubleshooting. (CENTRE FOR ELECTRONICS TEST ENGINEERING, Government of India)
- Received training in maintenance and servicing of electronic equipment, gaining experience with various devices and systems. (AIRPORTS AUTHORITY OF INDIA)
- Certified by Nvidia for “Building Transformer-Based Natural Language Processing Applications”

## **INTERESTS**

- **Fine Arts (Painting) and recitation:** Developed creativity and artistic skills by studying fine arts and painting. Gained experience performing in front of others by participating in recitation competitions. (St. Stephen's School)
- **Classical vocal:** Developed musical skills by studying classical vocal music. Gained experience performing in front of others by participating in musical events. (SWARAMALIKA SANGEET VIDYALAYA)
- **Dancing:** Recently joined the Salsa Society in University of Kent as a beginner.
- **Surfing:** Recently joined the Surfing Society in the University of Kent as beginner.
- **Tennis:** Recently joined the Tennis club at the University of Kent as a beginner.