**Amal Ray** Kolkata, India |[amalray.com](http://amalray.com) | [LinkedIn](https://www.linkedin.com/in/amal-ray-577a69175/) | [amalray.ray65@gmail.com](mailto:amalray.ray65@gmail.com)|+91 9836657635

**EDUCATION**

[**KALINGA INSTITUTE OF INDUSTRAL TECHNOLOGY**](https://kiit.ac.in/) **Bhubaneswar, India**

Bachelor of Technology in Electronics and Computer Science **May 2022**

Cumulative GPA: 8.14/10.0

Relevant Coursework: Data Analysis, Software Engineering, Operating Systems; Algorithms, Economics

**University Project**:

Crop Yield Prediction and Analysis in India Using Machine Learning Models

**COCURRICULAR ACTIVITIES**

[**KIIT FILM SOCIETY**](https://ksac.kiit.ac.in/societies/kiit-film-society/) **Bhubaneswar, India**

Assistant Coordinator and Coordinator **2020-2022**

* Led teams of 100 to revamp and solidify the society’s national standing among reputed universities
* Developed skills in writing screenplays and Editing Film.
* Won Best Cinematography and Best Film (3rd) for the film "What You See In the Dark" at the VIT Film Festival
* Nominated for international film festivals (Kalakari International Film Festival, Liftoff Online Pinewood)

Studios, London, for the film "What You See in the Dark."

* Films Made: [Wake Up](https://youtu.be/OstgHMTZwE0?si=WCdn4Eh-u77bF7rt), [What You See in the Dark](https://youtu.be/3HllsTotKqE?si=HOcXKYy0wTtmqt04), [Everything is Ok](https://drive.google.com/file/d/1jyJrqFpTihnWPRbgm8harQ0fnKxAaU5u/view?usp=sharing)

**CERTIFICATIONS AND TRAINING**

* [EY Data Visualization Learning Badge](https://www.credly.com/badges/f85df7fd-6ec0-4e37-b4e0-1b80652f5e8a/public_url) **Online, 2024**
* [EY Design Thinking Bronze Badge](https://www.credly.com/badges/63803727-f517-4451-8980-18efa1b9fbce/public_url) **Online, 2024**
* [Certified SAFe6 Agilist](https://www.credly.com/badges/c1a1ef3c-d4ea-4020-ba53-fc435fb3cfdc/public_url) **Online, 2024**
* [EY Artificial Intelligence - Responsible AI - Bronze Learning](https://www.credly.com/badges/0a5e6743-512a-4e2b-99fc-0b4c7a57ca1b/public_url) **Online, 2024**
* [EY Data Science Bronze Badge](https://www.credly.com/earner/earned/badge/7758ae26-6070-44d2-8216-2b8cd6f7476a) **Online, 2023**
* EY GDS Campus to Corporate  **Online, 2022**

**WORK EXPERIENCE**

[**EY GLOBAL DELIVERY SERVICES**](https://www.ey.com/en_in/careers/global-delivery-services) **Bengaluru/Kolkata, India**

Associate Software Engineer (Risk and Compliance Engineering) **Aug 2022-Present**

**EY UK Risk Management (Project Zenith, Project Codex)**

* Designed the Zenith Management PowerApp for tracking, updates, change requests, issue reporting, and metadata management
* Spearheaded control creation, enhanced metric monitoring for compliance, and developed ETL processes
* Crafted Gen-3 Reporting in Power BI and a design language improving user experience for Compliance Monitoring
* Implemented AI technologies in Compliance Monitoring via copilot chatbots, enhancing data accessibility for leadership
* Reduced manual work for Subject Matter Experts by 5 hours per data cycle through Python automation
* Integrated data into SQL databases and leveraged Power Platform and Python to optimize workflows
* Developed a Power BI Commentary App to enhance communication and improve data transfer efficiency and dashboard approvals

Regulatory Reporting

* Automated trade reporting for a German P&U client under REMIT/EMIR regulations, using Python, enhancing data quality
* Enhanced EMIR Commodities and FX commodities, simplified automated trade value checks and rejections by xx%
* Achieved ZERO outstanding issues in EMIR/REMIT processes and compiling statistical summaries from emails

[**HIGHRADIUS CORPORATION**](https://www.highradius.com/)

Tech Track Intern **Bhubaneswar, India**

**Jan 2021-Mar 2021**

* Created an end-to-end web-based fintech product for tracking payments enhanced financial transparency
* Utilized Java for backend and React for frontend, ensuring a seamless user experience
* Utilized machine learning to predict payment patterns categorized into buckets, improving payment processing efficiency

[Anupam Ray](https://www.linkedin.com/in/anupam-ray-0a5a9611/)

Intern **Bhubaneswar, India**

**Oct 2020-Oct 2020**

* Analyzed data and shared insights contributed to a greater understanding of energy pricing mechanisms and tariffs
* Explored policy shifts towards renewable energy, aligned strategies with sustainable practices for informed planning and development