**Amal Ray**

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**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 skill in Writing Screenplays, Directing and Editing Film.
* Won Best Cinematography and Best film (3rd) for 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 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 TRAININGS**

* [Salesforce APEX Specialist; Salesforce Process Automation Specialist](https://trailhead.salesforce.com/content/learn/superbadges/superbadge_process_automation_specialist) Online, 2021
* EY GDS Campus to Corporate Online, 2022
* [EY Data Science Learning badge](https://www.credly.com/badges/e749923a-7b4c-46b9-a1aa-e09799679a86/public_url)  Online, 2023
* [EY Data Science Bronze Badge](https://www.credly.com/earner/earned/badge/7758ae26-6070-44d2-8216-2b8cd6f7476a) Online, 2023
* [EY Data Visualization Learning Badge](https://www.credly.com/badges/f85df7fd-6ec0-4e37-b4e0-1b80652f5e8a/public_url) Online, 2024
* [EY Design Thinking Learning Badge](https://www.credly.com/badges/48b2bbc9-6942-4853-8216-e8e4decca61c/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
* **WORK EXPERIENCE**

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

Tech Track Intern Jan 2021 – Mar 2021

* Created an end-to-end web based fintech product tracking payments. Created a Backend with Java and Frontend with React. Used Machine Learning to predict payments and put them into buckets.

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

Consultant (Risk and Compliance Engineering) Aug 2022 – Present

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

* Involved in designing the Change Pilot Project in EY UK, involves creating a Change Method supported by several technology solutions empowering UK Leadership to align all siloed Change with company strategy and increasing efficiency within Risk Management
* Spearheaded the complete overhaul and design of the BAU systems for end-to-end automation to oversee all aspects of

data flow and dashboard approvals

* Designed the Zenith Management Powerapp: an application housing the Zenith Dashboards’ tracking system, a portal for SMEs to update tracking information, request change in dashboards, report issues, and admins to store Zenith metadata
* Upgrade and maintenance of the UK Risk Management Controls Catalogue application that controls the

requirements for risks across several siloed policies.

* Designing Next-Gen Reporting in Power BI for Compliance Risk Management in EY UK
* Spearheading the implementation of AI technologies and solution for growth and expansion
* Developed Python automations to further reduce manual work for Subject Matter Experts
* Developed ETL, data integration, storage in SQL databases, usage of data in Power Platform and Python skills
* Design of databases and tables in SQL, working with data in Power Platform and Python to simplify processes
* Creating and refining Business As Usual Processes for Compliance Monitoring Risk Management EY UK - Instrumental in creating and maintaining processes to track files and smooth data flows, responsible for liaising with Subject Matter Experts of various policies in Risk Management for optimal efficiency of data transfers and subsequent dashboard approvals.
* Responsible for creation of a Commentary App on Power BI through Power Apps for smoother communication between teams and leadership via the Power BI dashboards themselves.

**Regulatory Reporting**

* Streamlined and automated trade reporting processes for a German P&U client per REMIT/EMIR regulations
* Implemented processes and upgraded data quality checks for REMIT/EMIR daily processes using Python
* Achieved ZERO outstanding issues in both EMIR/REMIT processes after months of continued effort
* Upgraded EMIR Commodities and FX Commodities system to automate and simplify checking of trade

values and rejections

* Data scraping and analytical compilation of mails to arrive at statistical data summaries

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