**Anindya Das**

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**Education :  
JIS College of Engineering**  
 **Degree:** [Bachelor of Technology](https://drive.google.com/file/d/1GJP9vs0YdzjBF8obn8i-ILzIDFV8QLx_/view?usp=drive_link) **Grade in CGPA:** 8.08  
 **Program/Field:** Computer Science Engineering **Duration:** August 2020 to May 2024

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**Skills :  
Programming Languages:** C++, Java, Python3 - - - - - - - - [hackerrank.com/profile/dasanindya2001](http://hackerrank.com/profile/dasanindya2001)

**Database:** MySQL, PostgreSQL, Power Bi, Microsoft Excel , Google Workspace, Tableau, Microsoft Office Suite, Access, Oracle DB, Big Data **Linux:** Shell /Bash, File System, core utilities , KVM, Debian/RHEL, Linux system administration, Automation scripting

**Networking & Security:** VPN, TCP/IP addressing , SSH , IDS/IPS, Server management, System performance tuning

**CI/CD Pipeline**: GitLab, AWS, Docker, Kubernetes , Ansible, EC2, S3, RDS, VPC, IAM, ECR/EKS, Code Commit

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**Projects :**

**JISCE Accommodation(Final Year Group project):** [**LINK**](https://github.com/anindyadas2001/JISCEAccomodationHelper)

* Effectively obtained and organized **200+** student's credentials of our college.
* Performed **data normalization** (using python) to the supervised data (csv file) , so that the ML model produces better accuracy.
* Learned about creating scatter plots and heat maps to understand trends in choices of students. Detailed report was created using these obtained **visualizations**.
* As for the future prospect , Gained hands-on knowledge about **Power BI** to better manage and expand the data set to a Campus-wide project.

**Resource Monitoring App (Cloud Native):** [**LINK**](https://github.com/anindyadas2001/aws_project_1)

* Created a Python application in Flask, that uses ‘psutil’ library, to monitor system resources.
* Understanding how to implement and containerize the application using **Docker,** as an image.
* Gained knowledge about **Amazon Elastic Container Registry** for scalable and secure storage by pushing the functional image to ECR using the Boto 3 module.
* Learning how to deploy using **Kubernetes** Cluster with nodes using **EKS** so that our application can easily be accessed on the Internet, and gets scalable.

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**Certifications :**

Networks and Communications Security ISC2 *2024 || offered through Coursera*AWS Cloud Practitioner CLF-C02 \*Exam Prep\* *2024 || offered through Udemy*Data Analytics and Visualization Job Simulation *2024 || offered through Forage*

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**Achievements :**CXO’s Round Table Competition, at GES IIT Kharagpur 2023 || 1st Position, || [Link](https://drive.google.com/file/d/19ZErVHfKBuRMTCP9EnB7nbRpBQxZdTL4/view?usp=sharing)

**Description: Our team of 4 presented the most effective Marketing Strategies amongst   
 17 other teams ; for a Drone Startup, after it plans to have its initial public offering.**