ASHUTOSHTRIPATHY

Rourkela,Odisha, India

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# Education

**NationalInstituteofScienceandTechnology 2020– 2024**

*BachelorofTechnologyinComputer Science-8.5CGPA Berhampur,Odisha*

**Govt.AutonomousCollege 2018 – 2020**

*Intermediate Rourkela,Odisha*

**AdarshaVidyaMandir 2018**

*Matriculation Rourkela,Odisha*

# Experience

**DevopsEnthusiasistwithpythonautomation**

*Self-practice* **September2022-Present**

* Proficient in Python with a focus on Flask and Django for application development.
* Orchestrated Docker containerization and CI/CD pipelines for cloud deployment, reducing deployment time by 40% and increasing system reliability by 25%.

# Skills

**Languages**:Python(Datastructureandalgorithm),Java,Rust,C, **Frontend**:Html,SCSS,Javascript

**Backend**:Flask,Django **Database**:SQL,MongoDB,Postgre SQL,OracleDB

**Devops**:Docker,Git,Kubernetes,Jenkins,AWS/GCPtools,Ansible

# Projects

**PriorityTaskScheduler***|Python,Django,Docker* **February2024**

* Implemented advanced Data Structures and Algorithms, optimizing task prioritization, resulting in a 15% efficiency improvement.
* **RealtimeCollaborativeWhiteboar*d****|Python,Flask,Websocket,Javascript,SQLalchemy* **August2023**
* Led real-time communication and UI implementation, resulting in a 20% decrease in support requests.

**LibraryManagementSyste*m****|Python,Flask,Numpy,Pandas,Docker* **March2023**

* + Engineered an online library platform with user authentication and dynamic book recommendations. Ensured scalability through Docker containerization.

**BlogPage***|Python,Django* **December2022**

* Developed a user-friendly blog platform hosted on Heroku after containerizing with Docker.

**MovieRecommende*r****|Python,ML,Streamlit* **September2022**

* Created a movie recommendation system based on data analysis and user preferences.

**GithubProfileFinde*r****|Html,CSS,Javascript* **July2022**

* + Developed an online platform fetching user data from the GitHub API.

# Certifications

**NPTEL**:PythonforDataScience,CloudComputing **Oracle**:OracleCertifiedFoundationAssociate **Hackerrank**:Java, SQL

# Activities

**CloudComputingClub Spring2022–Present**

*CloudDeveloper NationalInstituteofScienceandTechnology*

* + Led application development and deployment on AWS and GCP servers.
  + Managed an executive board and organized workshops on AWS application hosting.