

# AKSHAT DUBEY

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## EDUCATION

### Kalinga Institute of Industrial Technology

B.Tech - Information Technology, 8.73/10 CGPA

Bhubaneswar, Odisha, IND

September 2020 – June 2024

### Vyasa International School

Science with Computers (Higher Secondary) - 81.4%

Bengaluru, Karnataka, IND

April 2019 – May 2020

### National Public School

Matriculation - 91.8%

Bengaluru, Karnataka, IND

April 2017 – May 2018

## TECHNICAL SKILLS

**Languages:** C++, Python, Javascript

**Technologies:** Django, React, PostgreSQL, Postman, Version Control, Jira, Figma, VS Code

## EXPERIENCE

### Software Engineer (Backend) – Intern

September 2023 – March 2024

FreightCrate Technologies Pvt. Ltd.

- Implemented key backend modules - *ratesheet*, *price index*, *price listing*, *bookings*, etc for Frebotic using *Django*, *Django REST Framework*, and *PostgreSQL*.
- Collaborated effectively with cross-functional teams to ensure successful project execution and alignment with project goals, enhancing communication and synergy among team members.
- Played a pivotal role in refining features based on user feedback, fostering a user-centric approach, and gaining valuable hands-on experience, resulting in positive feedback for work and learning.

## PROJECTS

### Friendly | Django, PostgreSQL, Docker

GitHub

- A web-based social media application utilizing *Django*, *PostgreSQL* and *Docker* technologies.
- Executed the implementation of core Django concepts, ensuring optimal code organization, maintainability, and delivering a feature-rich experience.
- Envisioned future enhancements, including the integration of *Celery* and *Celery Beat* for effective cron task management, thereby improving the application's responsiveness and performance.
- Additionally, planned to Dockerize the application for streamlined deployment and consistent environment management in future iterations.

### PassVault | Django, Django REST Framework, React, PostgreSQL, Docker

GitHub

- Architected a secure digital locker, PassVault, utilizing *Django*, *Django REST Framework*, *React*, and *Docker* to provide a robust solution for storing and managing encrypted data and credentials.
- Implemented fine-grained user permissions for each vault item, offering users precise control over access rights, ensuring data security at a granular level.
- Integrated *JWT Authentication* using *Simple JWT* to learn its implementation.

### Loan Approval Status Predictor | Machine Learning

GitHub

- Machine learning project focused on predicting loan approval status, leveraging classification algorithms like *Decision Trees* and *Random Forest Trees* to provide accurate insights into application outcomes. Also included performance evaluation metrics.
- Open-sourced the project on GitHub to foster collaboration, knowledge sharing, and community engagement within the machine learning and data science domains, contributing to the collective advancement of predictive modeling techniques.

## CERTIFICATES

### Hacker Rank Problem Solving (Basic) |

Certificate

### Competitive Programming | Coding Ninjas | Scored >90%

Certificate Of Excellence

### Data Structures in C++ | Coding Ninjas | Scored >90%

Certificate Of Excellence

### Introduction to C++ | Coding Ninjas | Scored >90%

Certificate Of Excellence