

# ADITYA YADAV

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## Work Experience

### Aardvark Network Solutions Private Limited, Hyderabad Backend Java Developer Intern

March 2024 - June 2024

- Contributed to the development of the Telecom Salesforce Management Platform in the Product Development Department.
- Gained hands-on experience in microservices architecture using technologies like Java, Spring Boot, JPA, and MySQL/PostgreSQL.
- Worked on payment processing integration with Razorpay, caching solutions using Redis, and large-scale data handling with Apache Kafka and Apache Spark.
- Actively participated in testing using JUnit and Postman, containerization with Docker, and API documentation with Swagger/OpenAPI.
- Strengthened analytical and design skills while demonstrating a proactive approach to problem-solving and task execution.

### Verzeo Edutech Pvt Ltd, Dehradun Machine Learning Paid Internship

May 2018 - June 2018

- Acquired a strong foundation in machine learning principles and practices, including supervised and unsupervised learning, feature engineering, and model evaluation.
- Gained practical experience in deploying machine learning models, implementing algorithms, and solving real-world data challenges.
- Demonstrated problem-solving abilities, critical thinking, and adaptability in tackling complex machine learning tasks and projects.

## Project Work

### Build Artificial Intelligence Enabled Machine to help fight against any pandemic or any disaster (2020):

- Developed an AI system integrating Face-recognition and Mask-RCNN to detect COVID-19 in CT scan samples.
- Gained hands-on experience with Python 3, Red Hat, RCNN, Docker, and MLOps.
- Implemented face detection and recognition using the LBPH algorithm and explored Deep Learning techniques.
- Leveraged AI/ML to create innovative diagnostic and pandemic management solutions.

### Online Food Ordering System

- Developed a full-stack food ordering platform using Spring Boot, React, Tailwind, and MySQL.
- Integrated Stripe Payment Gateway for secure and seamless payment processing.
- Designed a restaurant management system admin panel for efficient order tracking and management.
- Implemented a robust authentication and authorization system using JWT for secure user access.
- Provided deployment instructions for local machine setup, ensuring ease of use and scalability.

## Skills

### Technical / Tools

- Java
- Python
- SQL
- Spring Boot
- React
- Tailwind
- Stripe Payment
- MySQL
- PostgreSQL
- Pandas
- NumPy
- PyTorch
- JWT
- Redis
- Apache Kafka
- Apache Spark
- Razorpay
- Jupyter Notebook
- Kali Linux
- Docker
- JUnit
- Postman
- Swagger/OpenAPI
- Git

## Educational Background

### Master of Computer Application (MCA)

Tezpur University (TU)  
Oct 2022 - June 2024

### Bachelor of Computer Application (BCA)

University of Petroleum and Energy Studies (UPES)  
Aug 2017 - May 2020

## Certification/Short Courses

- Certified Ethical Hacker (CEH) | EC-Council | 2019
- Certified in Advanced Java Programming DS | LinkedIn | Mar 2020
- Certified in Python Code Challenges | LinkedIn | Mar 2020
- NIMCET Exam | 2020 | AIR: 1538
- TCS NQT 2024 (Numerical Ability: 42.50%) ( Verbal Ability : 67.03%) (Reasoning Ability : 71.88%)