

PARTH BALONI

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Education

Vellore Institute of Technology, Bhopal

(July 2024 – Present)

Masters of Computer Applications

Guru Gobind Singh, Indraprastha University

(April 2018 – May 2021)

Bachelors in Computer Applications | CGPA: 8.04

New Green Fields School, Alaknanda

AISSCE, Class XII | Percentage: 85%

(April 2019 – March 2020)

AISSE, Class X | Percentage: 68%

(April 2017 – March 2018)

Skills

Languages: Python, Java, C/C++, SQL, JavaScript, HTML/CSS

Frameworks: React.js, TensorFlow, Bootstrap, JSON, Node.js, Flask

Certification Courses: AI & ML (IIT Kanpur), MySQL Basics (Great Learning), Python Intermediate (Udemy), AWS Cloud Foundation (CASE)

Projects

Go Green - Healthy Salad Bowl Delivery (React,Node.js,Express,MongoDB)

- Designed a full-stack food delivery platform with secure authentication and seamless payment integration.
- Enhanced user experience with an interactive UI, reducing order processing time by 40%.
- Optimized backend operations for 30% faster order management and real-time tracking.

Hate Speech Recognition: AI-Powered Content Moderation(NLP, Python, TensorFlow, scikit-learn)

- Developed an AI-driven content filtering system, achieving 88% accuracy in detecting hate speech.
- Processed 100,000+ text samples, improving classification efficiency by 25%
- Integrated deep learning models, reducing false positives by 15%.

Crop Recommendation System: AI-Powered Agricultural Assistance(Machine Learning, Data Science)

- Built an intelligent system analyzing 10+ soil properties and 5+ weather factors to suggest optimal crops.
- Achieved 98% accuracy in predictions through advanced feature engineering and model optimization.
- Deployed a Flask-based web interface for farmers to access tailored recommendations easily.

Stock Prediction Model(Machine Learning, Time Series Forecasting)

- Designed a time-series forecasting model to predict stock price trends with 97% accuracy.
- Processed 5 years of historical stock data, leveraging LSTM and regression models.
- Improved trading strategy efficiency by 20%, providing better insights for investment decisions.

Work Experience

GI Group Security Pvt. Ltd.

(August 2022 – October 2022)

- Developed and optimized security service management software to automate operations.
- Implemented data-driven dashboards using flask and React to improve monitoring efficiency.
- Assisted in backend development (Node.js, SQL) for a security tracking system.

Fete Foundation NGO – Social Media Content Intern

(February 2022 – May 2022)

Achievements

- LeetCode – Solved over 100 questions on the platform.
- Awarded a certificate for volunteering at Smile Care Foundation
- Secured 1st position in Badminton Singles Tournament at GGSIPU