

# TEJASWI ANAND

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## Relevant Coursework

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- Data Structures
- Computer Programming
- Algorithm Analysis
- Database Management
- Cybersecurity Fundamentals
- Post Quantum Cryptography

## Projects

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### Project Eligify | *Python, JavaScript, HTML, CSS*

November 2025

- I, along with a team of five, developed "Eligify," an automated web platform designed to streamline the exam application process by verifying candidate eligibility in real-time.
- Designed the secure backend architecture using Python, organizing the system into logical modules to ensure the application was scalable and easy to maintain.
- Documented the whole journey and prepared a Project Report to ensure Project Handover is easy

### Project Anomalyze | *Python (Numpy), Google Colab, Splunk*

April 2025

- I, along with a team of four, built an AI-powered CyberSecurity system designed to assist SOC Analysts by detecting and mitigating real-time network threats.
- Processed and analyzed over 220 GB of IP traffic data, transforming raw logs into structured feature vectors for data analysis.
- Contributed to engineering features including Filtering of raw log data and vectorization of the data in order to feed it into the ML Pipeline.
- Developed a real-time threat detection predictive model that automatically flagged and blocked suspicious IPs to prevent unauthorized access.

### Project Solar Swing | *IOT*

October 2024

- Led a team of 6 to design a Cost-Effective Non Electrical Solar Tracking System designed for enhancing the efficiency of solar panels through the use of thermal expansion and LDR Sensors.
- Conducted in-depth research on solar tracking systems, analyzing limitations of motor-based approaches and proposing a data-driven, low-energy alternative
- Synthesized insights from multiple academic research papers to support system feasibility, efficiency gains, and scalability for real-world applications

## Experience

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### Your Travel Buddy

December 2024 – January 2025

*Social Media and Marketing Intern*

*Delhi, Delhi*

- \* Responsible for Creating Engaging Contents for Post, Stories and Advertisements based on recent Trends.

## Technical Skills

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**Languages:** Python, C, HTML/CSS, JavaScript, SQL

**Developer Tools:** VS Code, AWS

**Technologies/Frameworks:** Linux, GitHub, WSL, RAG, NLP

## Education

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### Faculty of Technology, Delhi University

Aug. 2024 – July 2028

*B.Tech in CSE with Specialization in Blockchain, Cybersecurity and Cryptography*

*GPA: 7.45*

## Leadership / Extracurricular

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### TEDxFOT

September 2025 – Present

*Licensee and Organizer*

*Faculty of Technology*

- \* Selected and approved by TED as the official Organizer and Licensee for TEDxFOT, responsible for full compliance with TEDx licensing guidelines.
- \* Founding and leading a multidisciplinary organizing team overseeing content, operations, marketing, partnerships, and finance .
- \* Planning end-to-end execution of TEDx event, including venue selection, budgeting, timelines, risk management, and production planning.