

# UJJWAL JHA

[linkedin.com/in/ujjwaljha1](https://www.linkedin.com/in/ujjwaljha1) | P: +91 7973554258 | [ujjwaljha744@gmail.com](mailto:ujjwaljha744@gmail.com)

## EDUCATION

### LOVELY PROFESSIONAL UNIVERSITY

Bachelor of Technology

Major in Computer Science

Relevant Coursework: Database Management System, Software Engineering; Operating Systems; Algorithms; Networking

Phagwara, Punjab

Expected July 2026

## WORK EXPERIENCE

### PLACIFY TECHNOLOGIES (Remote)

Web Developer | React

May 2024 - July 2024

- Directed the development of an interactive dashboard displaying user statistics from recent quizzes.
- Implemented UPI integration through NPCI URI without an external payment gateway, reducing transaction time by 30% and improving user satisfaction.
- Authored and optimized quiz web pages, resulting in a 25% increase in user engagement and a 20% reduction in registration errors.
- Facilitated communication with cross-functional teams to ensure seamless quiz execution and unified user experience.

## PROJECTS

### QUIZ APP | REACTJS, NODEJS, JWT

May 2024

- Spearheaded the development of a full-stack quiz platform with React for user interface and Node.js for backend processing, resulting in a 30% increase in user retention and a 20% improvement in system stability.
- Designed and integrated RESTful APIs and ensured secure user authentication with JWT, managing 1,000+ API calls per day.
- Refined user experience through admin dashboards, real-time score tracking, and error handling, leading to a 25% increase in daily active users.

### FACIAL RECOGNITION SYSTEM | PYTHON, OPENCV

May 2024

- Constructed a facial recognition system using Python and OpenCV, achieving an accuracy rate of 95% in showing faces from live video feeds.
- Leveraged Haar Cascade classifiers and deep learning models to cut false positive rates by 40%, enhancing the precision and reliability of the image processing system.

### PUBG GAME PREDICTION | PYTHON, SCIKIT-LEARN

May 2023

- Reinforced a machine learning model with Python and scikit-learn, predicting PUBG game results using in-game features, leading to a 25% enhancement in gameplay strategy and competitive edge for users.
- Streamlined model accuracy through feature engineering techniques such as data cleaning, normalization, and managing missing values.
- Achieved 85% accuracy by tuning parameters and employing algorithms like Random Forest and Gradient Boosting.

### HUMAN ACTIVITY RECOGNITION | PYTHON, PANDAS, MYSQL

May 2023

- Built a machine learning pipeline to classify activities using smartphone sensor data, achieving over 90% accuracy.
- Improved data quality by implementing noise filtering, feature extraction, and windowing techniques, enhancing algorithm accuracy by 40%.

## ADDITIONAL

**Technical Skills:** C++ ,Python , Javascript , HTML/CSS , SQL , APEX , SOQL ,Lightning Web Component ,Git , Github

**Languages:** Fluent in English, Hindi

**Certifications & Training:** Programming in Python(Coursera), Passed PCEP 30-02 Python Certified Developer Certification, Completed training in Data Structure and Algorithm using C++ from CipherSchools

**Awards:** National Cyber Olympiad Zonal Distinction 2019 (Zonal Ranking : 5th,International Ranking : 41th)