

UJJWAL JHA

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EDUCATION

LOVELY PROFESSIONAL UNIVERSITY

Bachelor of Technology
Major in Computer Science

Phagwara, Punjab
Expected July 2026

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

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.
- Orchestrated weekly strategy meetings with diverse teams to refine quiz formats and user interfaces, achieving a seamless rollout of new features that improved user satisfaction scores by 25% within the first month.

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.
- Adapted 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.

EDUTECH WEBSITE | MERN Stack (August 2024)

- Developed a comprehensive educational platform for a startup company using MongoDB, Express.js, React, and Node.js (MERN stack).
- Implemented features such as user authentication, course management, and a responsive user interface, resulting in a 50% increase in user engagement.
- Integrated analytics tools to track user interaction and optimize content delivery, improving the overall user experience by 35%.
- Collaborated closely with the startup team to align the website's functionality with business goals, contributing to a successful launch.

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), Completed training in Data Science and Machine Learning from GFG, completed training in Full Stack Development with React & Node JS from GFG.