

# Yash Watts

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## ACHIEVEMENTS

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### Patent/IPR Filed

Aug 2025

- Self-evolving AI System Utilizing Quantum Computing for Autonomous Learning and Adaptive Decision
- Successfully filed Intellectual Property Rights (IPR) request with DRD; currently pending verification for official recognition.

### IEEE SSH 2024

A Competitive Hackathon organized by IEEE, KIET Group of Institutions

Oct 2024

- Secured **1<sup>st</sup>** position in hackathon in healthcare track.
- Made healthcare web-application **MedEase** to bring together patient care, provider tools, and collaboration between hospitals into one user-friendly system.
- Tech Stack: HTML, CSS, Javascript, PHP, MySQL

### Hack IOT

A Competitive Hackathon Organized by ECE School of LPU

Feb 2024

- Secured **2<sup>nd</sup>** Runner-Up position in hackathon which showcased web-application making and leadership skills.
- Made a gaming web-application **WriteTheRights** for kids to aware them about their rights.
- Tech Stack: HTML, CSS, Javascript

### Frontend Fusion

A Competition on Website Presentation

Dec 2023

- Secured **1<sup>st</sup>** Runner-Up position in the competition which showcased Frontend skills and Presentation skills.
- Made an event management website in which users can able to book tickets of movies, concerts, standup shows, etc. in their respective locations and can also list their events in our website.
- Tech Stack: HTML, CSS, Javascript

## PROJECTS

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### DermaSense.ai

AI model for detecting skin diseases.

Jan 2025 – Feb 2025

- Developed an AI-powered web app using deep learning to analyze skin images and detect potential diseases.
- Features offered: Image upload for diagnosis, AI-driven prediction, detailed insights on disease causes and treatments, and assistance in finding and consulting nearby dermatologists.
- Tech Stack: Python, TensorFlow, OpenCV, Flask, Node.js, MongoDB, HTML/CSS/JS, Google Colab.

### Phishing Detection Tool

Cybersecurity Web-Application

Nov 2024 – Dec 2024

- Developed a web tool for detecting phishing emails, texts by analyzing content using a trained ML model.
- Features offered: Real-time prediction of phishing probability, Suspicion percentage display.
- Tech Stack: Flask (Python), HTML, CSS, Javascript.

### MedEase

Healthcare Web-Application

Sep 2024 – Nov 2024

- Designed to bring together patient care, provider tools, and collaboration between hospitals into one user-friendly system.
- Features offered: Booking and Queuing, Automated Bed Availability, Role-Based Authentication, City-Wide Module, Inventory and Complaint Management, Patient Engagement Tools (Chat System, Chatbot)
- Tech Stack: HTML, CSS, Javascript, PHP, MySQL

## EDUCATION

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Lovely Professional University – Phagwara, Punjab, India

May 2027

Bachelor of Technology, Computer Science Engineering

### Skills

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**Technologies:** Python | C++ | Java | HTML | CSS | TailwindCSS | Javascript | React.js | Node.js | Next.js | MongoDB | PHP | MySQL

**Soft Skills:** Leadership | Team Management | Presentation