

# PRAKHAR VERMA

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## PROFESSIONAL SUMMARY

Analytical and solutions-driven Computer Science engineering student specializing in Artificial Intelligence and Machine Learning. Proven capability in architecting full-stack web applications, integrating LLMs, and developing scalable SaaS platforms. Strong foundation in software engineering principles, cybersecurity, and data structures, with a focus on delivering efficient, high-impact technical solutions for modern business challenges.

## EDUCATION

**Lovely Professional University (LPU)** 2025 – 2029 (Expected)  
*B.Tech in Computer Science and Engineering (AI & ML)*

**The Jain International School** Graduated 2025  
*Senior Secondary (12th Grade)*

## SKILLS & COMPETENCIES

**Programming:** Python, C++, Java, JavaScript, HTML5, CSS3, SQL (PostgreSQL)

**AI & Data Science:** Machine Learning, Generative AI, LLMs, Prompt Engineering, Predictive Modeling

**Frameworks & Tools:** React, Tailwind CSS, REST APIs, Git, Figma

**Security & Hardware:** Cybersecurity, Kali Linux, Threat Intelligence, Social Engineering, Arduino

**Soft Skills:** Analytical Problem Solving, Cross-Functional Collaboration, Effective Communication, Adaptability, Time Management

## TECHNICAL PROJECTS

**Spendex AI | SaaS Financial Dashboard** *HTML, CSS, JS, AI Integration*

- Engineered an AI-driven SaaS platform designed to streamline and automate complex expense and payroll management.
- Integrated machine learning algorithms to categorize financial data and generate actionable business insights.

**CiviSync | Civic Issue Reporting Platform** *Frontend Architecture, UI/UX*

- Architected a full-scale web application empowering citizens to seamlessly report and track local civic issues.

- Designed a responsive, high-performance UI to ensure rapid data entry and real-time status syncing with local authorities.

### **EDU REV | Educational Networking Prototype**

*React, Tailwind CSS*

- Developed an educational prototype for LPU to centralize resource sharing, course management, and peer networking.
- Utilized modern component-based architecture to ensure platform scalability and maintainability.

### **People Connect | Social Community Platform**

*Vanilla JS, Modern CSS*

- Built a robust digital ecosystem focused on fostering online connectivity and mental wellness support.
- Implemented advanced responsive design principles to guarantee a flawless user experience across all devices.

## **CERTIFICATIONS**

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**Google:** Generative AI

**IBM:** CyberSecurity

**Oracle:** Data Science

**Amazon:** Artificial Intelligence

**SoloLearn:** Machine Learning & Gen AI

**SoloLearn:** Prompt Engineering

**SoloLearn:** Python (Intermediate)

**SoloLearn:** Introduction to LLMs