

# Abhijeet Kumar

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## SKILLS

<b>Languages:</b>	Java, C++, C, Python
<b>Frameworks &amp; Libraries:</b>	ReactJS, NodeJS, HTML, CSS
<b>Tools/Platforms:</b>	MySQL, Supabase, Git, GitHub
<b>Soft Skills:</b>	Problem-Solving, Team Player, Leadership, Adaptability

## PROJECTS

<b>AI Crop Profit Optimization System   GitHub   <a href="#">Link</a></b>	Oct' 25 – Nov' 25
<ul style="list-style-type: none"><li>Designed an AI-driven crop profit optimization system supporting <b>20+ Indian crops</b>, leveraging <b>7+ soil, weather, yield, and market features</b> with <b>live government mandi price APIs</b> for region-aware recommendations.</li><li>Built an end-to-end ML pipeline on <b>10,000+ multi-state agricultural records</b>, including data preprocessing, feature engineering, and hybrid ML + statistical ranking to ensure <b>stable, season-specific crop recommendations</b>.</li><li>Implemented a transparent profit estimation engine computing <b>₹/hectare returns</b> using <b>quintal/hectare yield data, real-time market prices</b>, and <b>standard cost-of-cultivation benchmarks</b>, deployed via a <b>Flask web app with &lt;1s response time on GitHub + Render</b>.</li></ul> <b>Tech:</b> Python, Flask, Scikit-learn, Pandas, NumPy, HTML, CSS, JavaScript, Tailwind CSS	
<b>Student Community Platform   GitHub   <a href="#">Link</a></b>	Oct' 25 – Nov' 25
<ul style="list-style-type: none"><li>Built a secure <b>full-stack community platform</b> using React and Supabase, enabling <b>authentication, profile management, post creation, likes, and comments</b> for <b>100+ concurrent users</b> with consistent session handling.</li><li>Implemented <b>Supabase Authentication and Row Level Security (RLS)</b> across <b>5+ database operations (SELECT, INSERT, UPDATE, DELETE)</b> to enforce user-level data isolation, ensuring <b>0 unauthorized data access incidents</b>.</li><li>Designed and integrated <b>real-time CRUD workflows</b> with Supabase Database and Storage, managing <b>JSON-based likes/comments</b> and profile image uploads, achieving <b>100% data persistence across page refreshes</b> and reducing state-sync bugs by <b>~40%</b>.</li></ul> <b>Tech:</b> ReactJS, Supabase (Auth, Database, Storage, RLS), JavaScript, HTML, CSS	

## TRAINING

<b>Center for Professional Enhancement LPU – C++ Programming: OOPs and DSA</b>	Jun' 25 – Jul' 25
<ul style="list-style-type: none"><li>Completed intensive training in core <b>Data Structures &amp; Algorithms</b>, covering <b>6+ fundamental structures</b> (arrays, linked lists, stacks, queues, trees, graphs) through hands-on coding and mini projects.</li><li>Solved <b>50+ DSA problems and mini projects</b>, applying data structures to real-world problem scenarios while improving <b>algorithmic efficiency, code clarity, and reusability</b>.</li><li>Analyzed and compared <b>multiple solution approaches</b> per problem using <b>time and space complexity evaluation</b>, strengthening understanding of <b>performance optimization, scalability, and trade-offs</b>.</li></ul>	

## CERTIFICATES

ChatGPT Prompt Engineering   <a href="#">Infosys</a>   <a href="#">Springboard</a>	Aug' 25
Master Generative AI & Generative AI tools   <a href="#">Udemy</a>	Aug' 25
Cloud Computing - NPTEL IIT Kharagpur   <a href="#">NPTEL</a>	Apr' 25

## ACHIEVEMENTS

Earned top badges HackerRank including 3 stars in Python and 5 stars in C++ for consistent	Dec' 25
Solved 150+ coding problems across LeetCode & HackerRank, sharpening problem-solving skills.	Nov' 25
performance.	

## EDUCATION

<b>Lovely Professional University</b>	Punjab, India
Bachelor of Technology - Computer Science and Engineering; <b>CGPA: 6.20</b>	Aug' 23 - Present
<b>SR. Secondary School</b>	Rohtas, Bihar
Intermediate; <b>Percentage: 66</b>	Mar' 21 - Apr' 22
<b>Utkramit M S Manjhiawn</b>	Rohtas, Bihar
Matriculation; <b>Percentage: 82</b>	Mar' 19 - Apr' 20