

# Punit Yadav

[workwithpunit247@gmail.com](mailto:workwithpunit247@gmail.com) — +91-6388078609 — Kanpur, Uttar Pradesh  
[linkedin.com/li-punit](https://www.linkedin.com/in/li-punit)

## Career Objective

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Aspiring software engineer with a foundation in Java, Data Structures, SQL, and core computer science subjects. Highly motivated and enthusiastic, seeking a Graduate Engineer Trainee role to apply my skills in real-world software projects, learn from experienced teams, and grow into a dependable software professional.

## Education

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<b>Pranveer Singh Institute of Technology</b> , Kanpur, UP		
B.Tech in Artificial Intelligence and Machine Learning	— 77%	<b>2022 – 2026</b>
<b>R. K. Education centre</b> , Kanpur, UP		
Class 12th (CBSE)	— 73%	<b>2022</b>
<b>R. K. Education centre</b> , Kanpur, UP		
Class 10th (CBSE)	— 78.4%	<b>2020</b>

## Skills

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- **Programming Language:** Java
- **Core Subjects:** Data Structures and Algorithms, Object-Oriented Programming, Database Management System, Software Engineering
- **Databases:** SQL (queries, joins, normalization)
- **Soft Skills:** Analytical Thinking, Problem-Solving, Written & Verbal Communication, Teamwork, Adaptability, Time Management

## Projects

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<b>AI Chatbot</b> — <a href="#">GITHUB</a>	<i>React, Node.js, Express, OpenAI API</i>
• Developed a chatbot integrated with OpenAI API to answer real-time queries.	
• Implemented conversation history and fallback responses, improving engagement by ~20%.	
• Collaborated with peers on design, testing, and presentation.	
<b>House Price Prediction</b> — <a href="#">GITHUB</a>	<i>Python, Machine Learning, Scikit-learn, Pandas</i>
• Built a machine learning model using Python and Scikit-learn to predict house prices.	
• Applied data preprocessing, feature engineering, and regression techniques.	
• Evaluated model performance using R <sup>2</sup> metrics to measure accuracy and reliability.	
<b>ATM Simulator</b> — <a href="#">GITHUB</a>	<i>Java, OOP, HashMap, Data Structures</i>
• Designed and delivered a Java-based system following defined scope.	
• Broke work into modules and tracked progress against timelines.	
• Tested, debugged, and validated functionality before final delivery.	

## Certifications & Activities

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- Java Programming Certificate — [HackerRank](#)
- Six HackerRank certificate — [HackerRank](#)
- Solved 170+ problems — [LeetCode](#)
- 6-Star Problem Solving — [HackerRank](#)