

Prasoon Pathak

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🌐 Portfolio

🐙 GitHub

🔗 LinkedIn

🔗 LeetCode

EDUCATION

Bachelor of Technology, Computer Science & Engg. United Institute of Technology, Prayagraj	2024 – 2027 SGPA: 7.41
Diploma in Mechanical Engineering (Production) Chandauli Polytechnic	2021 – 2024 75.6%
Intermediate (ICSE) St. John's School, Chandauli	2019 – 2020 65.4%

EXPERIENCE

InternAlpha <i>Data Analytics Intern</i>	Aug 2026 – Sept 2026 <i>Remote</i>
– Performed data cleaning, preprocessing, and exploratory data analysis on structured datasets using Python. – Applied statistical analysis and reporting techniques to extract meaningful business insights.	

TECHNICAL SKILLS

Languages: Java, JavaScript, SQL
Web Development: React, HTML5, CSS3, Node.js
Databases: MongoDB, Supabase
Tools: Git, GitHub, VS Code
Core Concepts: DBMS, Computer Networks, Computer Architecture

FINAL YEAR PROJECT

SecureNet IDS <i>React • FastAPI • PostgreSQL • Supabase • TensorFlow</i>	GitHub
– Built a FastAPI backend, engineered network flow features, and integrated VirusTotal, AbuseIPDB, URLScan, AlienVault OTX, and Google Safe Browsing APIs for threat intelligence enrichment. – Achieved 99.56% detection accuracy using a Random Forest model trained on the CICIDS2017 dataset while visualizing security events through an interactive dashboard.	

PROJECTS

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VSBH Cricket League <i>React • Node.js • Express.js • PostgreSQL</i>	Code
– Developed a full-stack cricket league management platform backed by PostgreSQL to manage teams, fixtures, points tables, and live match updates and provide a seamless experience for players and organizers.	
AI Social Media Post & Caption Generator <i>Python • Svelte • Gemini API • Hugging Face</i>	Code
– Built an AI-powered web application that generates social media posts and captions from user prompts which automate content creation and enhance user productivity..	
Murder Mystery Game <i>HTML • CSS • JavaScript • PostgreSQL</i>	Code
– Implemented event-driven gameplay mechanics, clue progression, and state management using JavaScript which is focused on logical reasoning, replayability, and player engagement..	
Currency Converter <i>HTML • CSS • JavaScript</i>	Code
– Integrated a live exchange-rate API with dynamic calculations and input validation for accurate currency conversions.	

CERTIFICATIONS

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IBM Generative AI Virtual Internship	View
Deloitte Data Analytics Job Simulation	View
AWS Solutions Architecture Job Simulation	View
Introduction to Cybersecurity – Cisco	View
Building AI Agents with MongoDB	View