Piyush Prajapati

Computer Science Engineering Student | Full-Stack Software Engineering & Fraud Detection
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SUMMARY

B.E. Computer Science student (CGPA 8.8/10, graduating June 2028) who has built, broken and rebuilt real products: REST APIs serving 1,000+ daily requests during an SDE internship, React/Node platforms handling 500+ concurrent sessions, a five-app ride-hailing platform for a client, and a GNN + XGBoost + LSTM ensemble for mule account detection at the PSB CyberShield hackathon (Bank of India + IIT Hyderabad). Works across front end, back end and ML, and partners closely with clients and cross-functional teams.

EDUCATION

B.E. Computer Science Engineering - Chitkara University, Rajpura, Punjab Aug 2024 - June 2028
CGPA: 8.8 / 10.0 | Expected graduation: June 2028

SKILLS

Languages: Java, Python, JavaScript, TypeScript, C++, SQL, Kotlin
Front-End & Web: React.js, React 19, HTML, CSS, Tailwind CSS, HTTP, WebSockets / Socket.io
Back-End & Services: Node.js, Express.js, FastAPI, REST APIs, Web Services, JDBC, MySQL/PostgreSQL, MongoDB, Firebase
Scale & Quality: Concurrency (Java), rate limiting, load testing, JUnit 5, deterministic tests, Docker, CI/CD, Git/GitHub, AWS
Risk & ML: Fraud detection, XGBoost, GNN, LSTM, SHAP explainability, Scikit-learn, Pandas, LLM integration

EXPERIENCE

Software Development Engineer Intern - 360Ghar (Remote) June 2026 - Aug 2026
- Built scalable RESTful APIs handling 1,000+ daily requests and tuned prompt engineering to cut response latency by 35%.
- Designed LLM-powered natural language property discovery (React.js, Node.js), reducing user search time by 40%.

Freelance Full-Stack Developer - Client Projects 2026
- Building BN Cabs, a client ride-hailing platform of five Android apps (Rider, Driver, Operator, Management, Partner), using native Kotlin for performance-critical apps.
- Built and iterated a WordPress website for Rizak Foods India Pvt. Ltd., a Punjab dairy company, iterating directly with the client.

AWS Student Builder Group Leader - Chitkara University June 2026 - Present
- Led hands-on workshops on Cloud Computing, Generative AI and AWS services; managed a cross-functional student team and coordinated with faculty and AWS stakeholders.

SELECTED PROJECTS

MuleRadar + DRISHTI (KAVACH) | GNN, XGBoost, LSTM, SHAP, Python 2026
- Developed MuleRadar, a GNN + XGBoost + LSTM stacking ensemble with SHAP explainability for mule account detection (PSB CyberShield hackathon, Bank of India + IIT Hyderabad).
- Unified it with DRISHTI (APK threat intelligence, code-DNA fingerprinting, automated CERT-In takedown generation) into the KAVACH platform.

ThrottleGate | Java 21, JDBC, MySQL/PostgreSQL, JUnit 5, Maven 2026
- Developing a concurrency-aware, pluggable rate limiter with Fixed Window, Sliding Window and Token Bucket algorithms behind a common interface.
- Implemented producer-consumer audit logging, a load-test runner and a Clock abstraction for deterministic, reproducible tests.

Interview.io | MERN Stack, Gemini API, Socket.io, Tailwind CSS 2024
- Built an AI interview platform with adaptive questioning via Socket.io (500+ concurrent sessions) and Gemini-powered analytics that cut candidate prep time by 45%.

SmartScript | React.js, Node.js, Express.js, MongoDB, Gemini API, WebSockets 2025
- Built an AI-assisted code editor with real-time completions (+30% developer productivity) and WebSocket-based LLM code analysis (-50% debugging cycles).

Athena | React 19, TypeScript, Gemini 2.5 Flash, Fraxtal L2, IPFS, Firebase 2025
- Architected an autonomous AI agent with custodial wallets, IPFS storage and AES-256 emergency SOS (sub-3-second transfers); Top 10 among 300+ teams.

Sentinel | FastAPI, Scikit-learn, Python 2026
- Built an ML model to detect emotional trading behaviour (87% accuracy) and an automated pipeline delivering tailored risk analyses to 200+ active traders.

CERTIFICATIONS

JPMorganChase Software Engineering Job Simulation | Oracle Cloud Infrastructure GenAI Professional | Oracle Fusion AI Agent Studio Foundations Associate | N8N: AI Agent Creation Guide | Introduction to Generative AI by Google

ACHIEVEMENTS

- Top 10 among 300+ teams, GenIgnite hackathon, NIT Goa. Regional Finalist among 270+ teams, HackIndia Web3 Hackathon.
- Competed in 10+ hackathons with 3+ national-level recognitions.