

Poonam Rani

Software Engineer | Full-Stack & AI/ML Systems

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SUMMARY

Full-stack engineer with 3+ years shipping production systems at scale — real-time FinTech platforms, HIPAA-compliant healthcare apps, and AI/LLM-integrated services for U.S. clients. Strong in distributed systems, low-latency API design, cross-platform architecture, and ML pipeline integration.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, HTML/CSS, SQL

Frontend: React.js, React Native, Angular, Redux, Tailwind CSS, D3.js | Backend: Node.js, Express.js, Django, Socket.io, WebRTC

AI/ML: LLM integration (LLaMA 3), RAG pipelines, Prompt engineering, RLHF, Model evaluation, AI agent workflows

Cloud/DB: AWS, Azure, Docker, MongoDB, MySQL, Firebase | Tools: Git, GitHub Actions, CI/CD, Jira, Agile/Scrum

DSA: Trees, Graphs, DP, Heaps, Hash Maps, Tries, BFS/DFS, Sliding Window, Two-Pointer, Backtracking

EXPERIENCE

Software Engineer – Full Stack | Avista Web Technologies

Sept 2024 – Dec 2025

LienFin – Real-Time FinTech Platform

- Architected WebSocket-based bidding engine for live U.S. government tax lien auctions handling ~10K concurrent sessions with sub-100ms event propagation.
- Built 30+ reusable React components, reducing new feature dev time by 40%; resolved critical bottlenecks cutting P1 incident frequency by 60%.
- Mentored 3 junior engineers on TypeScript & modular architecture, cutting ramp-up time by ~2 months.

HelloDR – HIPAA-Compliant Telemedicine App

- Integrated LLaMA 3 for AI-assisted symptom triage + 24/7 medical chatbot, reducing repetitive doctor queries by ~35%; built WebRTC-encrypted video consultation layer.

DMA Guru – U.S. Government Document Management

- Designed REST APIs achieving 30% latency reduction; built RBAC system with fine-grained permissions; integrated AI/ML pipeline for automated document pre-validation.

Software Developer | Gaian Solutions (Mobius)

June 2023 – Aug 2024

- Built drag-and-drop workflow automation UI (BOB Orchestrator) in Angular + TypeScript with REST-integrated backend workflow engines for enterprise no-code automation.
- Developed D3.js real-time analytics dashboards; contributed React.js modules to NYC 311 Smart City app consuming live public service APIs.

Software Developer (Contract) | Tribes India – Ministry of Tribal Affairs

June 2021 – June 2023

- Co-built nationwide MERN-stack e-commerce platform (tribesindia.com) with dynamic search across 10K+ SKUs and Razorpay/UPI/Netbanking payment integrations.

FREELANCE & AI EVALUATION

Super QC Reviewer | Deccan AI

Jan 2026 – Present

- Promoted to highest review tier (SQC); delivered authoritative rubric-based verdicts on multi-step AI agent annotation trajectories across Process, Code, Task Execution & Outcome Quality. Built Terminal Bench evaluation tasks.

LLM Trainer (Part-time) | Turing

Sept 2024 – Apr 2025

- Evaluated AI-generated Python/React/Node.js code for correctness, scalability & security; achieved 90%+ accuracy on code quality benchmarks.

OPEN SOURCE

xtermjs/xterm.js (20K+ ★ · powers VS Code) — Fixed O(n) full-buffer search on every keystroke by implementing incremental result filtering in SearchAddon.ts; eliminated 2.5s+ input delay. (PR #5866 – Under Review)

EDUCATION

BTech, Computer Science — Institution of Engineers

2019 – 2021 | 8.2 CGPA

Diploma, Computer Science — Govt. Polytechnic for Women, Faridabad

2015 – 2018 | 69.9%