



PRATYAKSH BANSAL

Cloud & Infrastructure Engineer | Security & Compliance • DNS • AI Automation

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PROFESSIONAL SUMMARY

Cloud and infrastructure engineer with 3+ years in cloud and infrastructure and 5+ years of overall technical work. At Extreme Compute, I deployed, migrated and supported public, private and hybrid cloud for enterprise clients: building and hardening servers, migrating VMs from AWS to private cloud, troubleshooting networks and hardware, and running security tooling (SIEM, DLP, WAF, Cloudflare, immutable storage) across 15+ security and compliance audits in IT, banking and other sectors. I also spent 6 months on a government project running DNS and email migrations for cooperative banks. Since February 2026, I have been building AI automations, client websites and apps, including the Daisy-Bellee B2B marketplace, where I run all of the IT.

TECHNICAL SKILLS

Cloud & Infrastructure: Public, private and hybrid cloud; VMware vCenter; hypervisors; VM deployment, quality checks and handover; server assembly, blade servers, disk replacement

Migration & Support: AWS-to-private-cloud VM migration, email, DNS, data and security-service migration; L1/L2 troubleshooting (VPN, ports, firewall rules, users, whitelisting, websites)

Systems & Networking: Linux (CentOS, Ubuntu, SUSE), FreeBSD, Windows Server; OS hardening, SSL; switches, routers, firewalls, VPN, IPsec, NAT, port groups

Security & Compliance: SIEM, DLP, WAF, Cloudflare, PIM, user access management, CIS hardening, immutable storage, penetration-test remediation, audit evidence

Platforms & Monitoring: Pydio Cells, Elastic (Elasticsearch), Zabbix, Veeam, MinIO, LAMP stack, Apache, WordPress, PowerDNS, DNSSEC

AI & Development: AI automation, LLM APIs, n8n, Python, PHP, JavaScript, React, Expo, Node.js, MongoDB Atlas, Firebase, Google Cloud, Cloudflare Workers

PROFESSIONAL EXPERIENCE

AI Automation & Application Developer – Independent

Mar 2026 – Present

- Built and launched Daisy-Bellee (daisybellee.com), a B2B fashion marketplace, and run all of its IT: React web app, Expo Android app, Node and Express API on MongoDB Atlas with Firebase sign-in, deployment, app-store publishing, Cloudflare, Google Cloud, domain and business email.
- Designed, built and hosted websites for 8 clients, including Curated Luxe, La Chocolat, Meethasa by Nathu's and Vijay Sharma (with a booking backend on Cloudflare Workers and D1).
- Build AI automations with LLM APIs, n8n and ADB phone control, including a lead-research agent, OCR extraction of 10,512 contacts from 246 scanned pages, a stock-management system and 11 spreadsheet business systems for a consultant's clients.

Cloud Engineer – Extreme Compute, New Delhi

Oct 2022 – Feb 2026 (multiple engagements)

Cloud, Infrastructure & Data Centre (enterprise clients)

- Deployed public, private and hybrid cloud environments for enterprise clients, and built VMs end to end: deployment, quality checks, hardening and customer handover.
- Delivered Windows Server, CentOS, Ubuntu, SUSE and FreeBSD servers with applications, security policies and SSL certificates; deployed Pydio Cells, Elastic, LAMP, MinIO, Zabbix and Veeam.
- Assembled, installed and maintained hosts (CPU, RAM, fans, NICs, storage), including disk diagnosis and replacement, and brought them live on the network.

Migrations, Troubleshooting & Support

- Migrated virtual machines from AWS to private cloud with live data migration and verified backups; ran email, DNS, data and security-service migrations.
- Resolved L1 and L2 issues (VPN, ports, firewall rules, users, IP whitelisting, websites) and troubleshot switches, routers, blades, physical firewalls, KVM switches and cabling.

- Configured networking at the VM, vCenter, hypervisor and BIOS levels (IPsec tunnels, NAT and public IPs, port groups), and prepared backup, DR, migration and fortnightly reports for clients and vendors.

Security, Compliance & Audits

- Ran SIEM, DLP, WAF, Cloudflare, PIM, CIS hardening, antivirus, user access management and immutable storage; supported penetration tests and remediated the findings.
- Led the technical side of 15+ security and compliance audits for enterprise clients in IT, banking and other sectors, collecting and presenting the evidence that helped them pass; worked one month on a ransomware recovery team.

Government Project: Cooperative Bank DNS (6 months on the project)

- Onboarded cooperative banks onto PowerDNS (pdns) with DNSSEC, handled their email and security-service migrations, and was the main technical contact for bank IT teams.

Senior Developer – Webdev Security, New Delhi

Dec 2021 – Apr 2022

- Developed 6 in-house WordPress websites, growing them to 10,000 monthly visits, and 5 PHP websites for clients covering branding, user management, billing, blogging and e-commerce.
- Led a team of 8, including graphic designers, content writers and social media managers, and worked with 7+ clients.

Freelancer – Self-employed

2019 – 2021

- Managed complete digital operations for 15+ restaurants (including Gulab, Mishthanam, Grover Sweets and SinghFoods): ordering websites, social media, Zomato and Swiggy.
- Handled all IT work for 3 schools (including Sriram E-Techno School and G D Goenka School): installations, maintenance, design and support; also made websites, logos and documents for individual clients.

SELECTED PROJECTS

P/OS Notes App: Offline-first desktop command centre for projects and notes, with a global shortcut and system tray (Electron, React). Live web demo on the portfolio.

Resource Brain: Personal knowledge library that maps 500+ saved resources as a mind map and tracks what has been learned and implemented (React, Node).

Browser Extensions: Netflix Auto Skip (skips intros and recaps, Manifest V3) and DM Catch & Use (collects resource links from Instagram DMs into a local dashboard).

More projects and archived client websites: pratyaksh-bansal.pages.dev

EDUCATION & CERTIFICATIONS

Bachelor of Computer Applications (BCA)

2022 – 2026

Institute of Information Technology & Management, Janakpuri (GGSIPU)

Senior Secondary (Class XII)

2020

Patrachar School

Secondary (Class X)

2017

Doon Public School

Certifications: Python, C, C++, Digital Marketing | **Languages:** English, Hindi